

Volume 1: Issue 1

Newsletter of the Haryana Chapter, IIA



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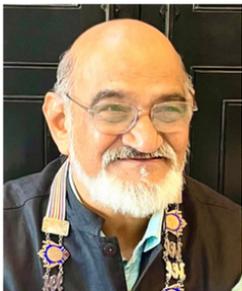
The IIA, registered society under the Societies Registration Act XXI of 1860, speaks of many things – the struggles and influence of architectural education from one single centre across India, the rebirth and youth of a profession almost forgotten by the Country, the need to understand the meaning and value of Architecture and architectural service, and attempts and experiments towards a new stage in the country's architecture. The Institute holds its rightful place in the sphere of Architecture in the Indian Renaissance. Its history is also one of visionaries and idealists who worked tirelessly to ensure the future of architecture and the profession.

“वक्तव्य” (Vaktavya), which simply means ‘The Statement’, is a formal newsletter of IIA Haryana Chapter on a quarterly basis. Vaktavya resonates with the values & vision and reflects the energy and enthusiasm of its members. This newsletter concisely provides all the activities and important information from the Haryana chapter. The name Haryana has been derived from the Sanskrit words Hari (god) and Yana (home), meaning ‘The Abode of Lord Vishnu’. The state, on the one hand, is renowned for its ancient temples, impressive architecture and beautiful Aravali across the state; on the other hand, the mesmerizing skyline with high-rise towers in rapidly growing cities makes the state an engine of growth for the country.

With immense pleasure, the IIA Haryana chapter presents its quarterly edition of the Newsletter. It is a collection of fascinating experiences, news, technical talks, points of view, projects and brainstorming games that are sure to delight all readers.



President - IIA National Team



Ar. Vilas Avachat

My Dear Fellow Members

Seasons Greeting's,

Glad to know that IIA Haryana Chapter is coming out with News letter - VAKTAVYA, it really a very good step taken by the Haryana chapter of IIA. The outreach of IIA has to be made strong, where the exchange of information from chapters, centres & sub-centres to IIA National Council & Vice-Versa. Contents of the news letter, sharing industry updates, highlighting achievements, and fostering a sense of community among the members & especially to all the young, budding Architects has to be our priority.

My Best wishes to the chairman of the Haryana Chapter Ar. Vivek Logani & his team.

Immediate Past Chairman - IIA Haryana Chapter

Dear fellow Architects,

Greetings!

It is a matter of great happiness that the inaugural issue of Vaktavya is in your hands. A Newsletter is very important for an organization by serving as an effective communication tool. It helps in maintaining member engagement, through sharing of updates, knowledge, ideas and experiences.

IIA Haryana Chapter is now in its Silver Jubilee Year. We have come a long way since inception, and have been able to successfully strengthen our common platform of IIA, in furtherance of the aims and objectives of our Institute. The Chapter has been in the forefront to engage with issues pertaining to the architectural profession and education, statutory regulations and developments in the industry through interactive dialogues with all concerned. I am sure that in the times to come our Chapter shall continue to address matters of professional importance, and Vaktavya shall keep us connected.

My congratulations to the Publication Team and the Chapter Executive Committee for this meaningful venture.

With best wishes,



Ar. Punit Sethi

Chairman - Haryana Chapter

Architect and planner Vivek Logani is a Fellow of the Indian Institute of Architects and registered with the Council of Architecture, India. He is the current chairman of the IIA Haryana Chapter. Ar. Vivek Logani is a well-known architect based in Gurugram, India, who has made significant contributions to the field of architecture.

Vivek Logani Associates was founded by Ar. Vivek Logani has gained acclaim for its diverse portfolio of projects ranging from residential and commercial spaces to hospitality and institutional buildings.

He has a significant role in the IIA Haryana Chapter. IIA Haryana chapter was founded in 1999 by a group of visionary members, including Ar. Shiv Singla, Ar. J.Saigal, Ar. Jitender Singh, Ar. Surinder Gulati, Ar. Jit Kumar Gupta, Ar. Vivek Logani, Ar. Ashok Kumar Sharma, (Late) Ar. Gajraj Singh Rao and many more. At present, the IIA Haryana Chapter has four centres and three sub-centres with almost 500 active members.



Ar. Vivek Logani

Message from Chairman

Dear Family,

As we usher in a new journey, I find great pleasure connecting with you through this newsletter. I want to express my sincere gratitude to each member of the Chapter. Your dedication, passion, and hard work have been the driving force behind our success. Together, we have navigated challenges and celebrated triumphs, reinforcing the strength of our unity. As we chart the course ahead, let's remain united in purpose and continue fostering a collaborative culture.

Once again, congratulations to each of you. Thank you for your exceptional contributions, and I look forward to achieving even greater milestones together in the future. I am confident that this is just the beginning of many more successes to come. Let's continue to strive for greatness, inspire one another, and make a positive impact in everything we do.

A special word of appreciation to the editorial team, designers, contributors, and everyone who played a role in bringing this project to fruition. Your collective talent and collaborative spirit have made this newsletter a valuable addition to our communication efforts.

1999- IIA Haryana Chapter

Eighteenth Chapter of IIA - Haryana Chapter, which was initially a part of Chandigarh Haryana Punjab Chapter (CHP) run in Chandigarh got its distinct identity on August 29, 1999, when it was launched at Chandigarh, with Ar. Jatinder Saigal, as the founder Chairman of the newly created Chapter.

The Chapter was launched under then President IIA, late Ar. Shri Rajagopalan and the IIA office bearers. Prof. Ar. Jit Kumar Gupta, Chandigarh Punjab Chapter played a key role in organizing the event at Chandigarh fully supported by Ar. Balbir Verma and Ar. Divya Kush from Delhi, and the senior members Ar. Surinder Gulati and Ar. Hemant Mande from Faridabad.

Founder Members

Chairman

Ar. Jatinder Kumar Saigal (Faridabad)

Vice Chairperson

Ar. Renu Khanna (Panchkula)

Hon. Treasurer

Ar. Shiv Kumar Singla (Faridabad)

Jt. Hon. Secretary

Ar. Jitinder Singh (Faridabad)

Ar. Hemraj Yadav (Panchkula)

Executive Members

Ar. Rakesh Agarwal (Sonipat)

Ar. Annu Garg (Faridabad)

Ar. Ashok Kumar Chauhan (Panchkula)

Ar. Sudhir Kansal (Faridabad)

Ar. Vivek Logani (Gurgaon)

Initial Achievements

IIA Best Chapter Runner Up award - 2000

IIA Best Chapter Award - 2001

Gujarat Earthquake Rehabilitation at Kutch

IIA, YAF - 2003

Over the years, the Haryana Chapter has grown from strength to strength in terms of membership and professional activities and is being valued at both the regional and national levels. The chapter has connected with professionals located in far-off places by establishing Centres and Sub- Centres of IIA.

Haryana chapter will be entering the 25th year (Silver Jubilee) of its creation on August 29, 2023. It is a historic moment and a matter of pride for all the architects of Haryana who are part of IIA. This occasion needs celebration and commitment throughout the year towards the IIA objectives.

Centers and Sub-centers

①

Gurugram



Ar. Vivek Singh Rao

②

Faridabad



Ar. Nirmal Makhija

③

Hisar



Ar. Sunny Garg

④

Panchkula



Ar. Anil Kumar Walia



Karnal-
Kurukshetra ①

Ar. Lalit Sukhija



Sonipat ②

Ar. Gyanendra Grewal



Ambala ③

Ar. Rishi Pal Denod

Diary Cover Design Competition

(For Architects and Architectural Students)

The Indian Institute of Architects, Haryana Chapter is hosting a competition to find an outstanding and creative design for the cover page of our upcoming diary. The diary is a personal space for users to jot down thoughts, ideas, and memories. We are seeking a unique and visually appealing cover design that captures the essence of creativity, inspiration, and individual expression

Design Specifications:

- Theme:

The theme for the diary cover is open-ended, which represents the essence of Haryana.

- Size and Format:

The diary cover size is A4 (210 X 297 mm). Designers should submit their entries in a high-resolution digital format (preferably vector graphics) that can be easily scaled without losing quality.

- Color Palette:

The colour scheme is flexible, but it should be visually appealing and evoke a sense of inspiration.

- Elements to Include:

The diary cover should prominently feature the IIA logo.

- Submission Guidelines:

Designers may submit up to three entries. Don't forget to include a brief description of the design inspiration with your submission. The Haryana chapter shall have the copyright for the design entries. EC members of IIA are not eligible for this competition.



SUBMISSION DEADLINE - 21.01.2024
WINNER ANNOUNCEMENT - 01.02.2024



WINNING PRIZE
INR - 5100

For inquiries and submissions, please contact

Ar. Jasmeet Singh

jasmeetsingh2702@gmail.com
9811015827

Ar. Avitesh Vaishnavi Nayak

aravitesh13@gmail.com
7017981647

The Impact of Technology on Architectural Education

Ar. Jasmeet Singh

In an era defined by rapid technological advancements, the field of architectural education is experiencing a profound transformation. Technology integration has not only reshaped the way architects design and construct buildings but has also revolutionized the learning experience for aspiring architects. This article explores technology's multifaceted impact on the current architectural education scenario.

Digital Design Tools:

One of the most significant influences of technology on architectural education is the advent of powerful digital design tools. Computer-aided design (CAD) software, Building Information Modeling (BIM), and parametric design tools have become integral to the design process. These tools enhance the efficiency of design iterations and allow students to explore complex geometries and material behaviours in a virtual environment.

Virtual Reality (VR) and Augmented Reality (AR):

Virtual and Augmented Reality technologies are revolutionizing how students experience and interact with architectural spaces. Immersive experiences facilitated by VR enable students to virtually walk through their designs, offering a deeper understanding of spatial relationships. AR applications enhance on-site learning experiences, allowing students to overlay digital information onto physical spaces.

Online Learning Platforms:

The rise of online learning platforms has democratized access to architectural education. From video lectures and tutorials to collaborative online design studios, these platforms enable students to engage with coursework at their own pace and from virtually anywhere in the world. This accessibility fosters a diverse and global community of learners.

Digital Fabrication and 3D Printing:

Technology has brought about a paradigm shift in the way architectural models are created. Digital fabrication techniques, including 3D printing and laser cutting, allow students to materialize their designs with precision. This not only enhances the presentation quality of projects but also introduces students to the practical aspects of translating digital models into physical form.

Challenges and Opportunities:

While the integration of technology brings numerous benefits, it also presents challenges. Educational institutions must invest in updated infrastructure and ensure faculty proficiency in emerging technologies. Additionally, the risk of over-reliance on digital tools, potentially overshadowing fundamental design principles, should be carefully navigated.

Preparing Architects for the Future:

The current scenario underscores the need for architectural education to evolve continually. Graduates must be equipped not only with design skills but also with technological literacy. Curricula should balance traditional design principles and cutting-edge technological applications, preparing students for the dynamic demands of the profession.

The Unseen Connection: Architecture and Emotions

Ar. Avitesh Vaishnavi Nayak

In the design world, where lines, shapes, and spaces come together, a profound yet often overlooked connection exists—transcending the tangible and delving into the realm of emotions. Architecture has a remarkable potential to stir up and impact our feelings in subtle and profound ways, well beyond its functional purpose. Human emotions and well-being are influenced by architecture. How areas, structures, and urban areas are designed can elicit various emotional reactions, impacting our emotions, actions, and mental health in general. Here are some ways in which architecture and emotions are interconnected:

- 1. Aesthetic Pleasure:** Beautifully designed and aesthetically pleasing architecture has the power to evoke positive emotions. The use of symmetry, proportions, and pleasing visual elements can create a sense of harmony and delight, contributing to a positive emotional experience for individuals interacting with the space.
- 2. Cultural and Historical Connections:** Architecture often reflects a place's cultural and historical context. Buildings that resonate with a community's heritage can evoke feelings of pride, nostalgia, and a sense of belonging. Historical architecture, in particular, has the ability to transport individuals to different eras, triggering a range of emotional responses.
- 3. Spatial Experience:** The spatial arrangement and layout of a building or environment can influence how people feel within a space. Open, well-lit spaces with thoughtful circulation can promote freedom and comfort, while cramped or poorly designed spaces may induce discomfort or anxiety.
- 4. Light and Color:** Using natural light and colour in architecture can significantly impact emotions. Well-lit spaces with ample natural light often promote feelings of happiness and well-being. Additionally, the choice of colours can evoke specific emotions; for example, warm tones may create a cosy and inviting atmosphere, while cool tones can convey a sense of calm.
- 5. Functionality and Efficiency:** Buildings that are designed with user functionality in mind can contribute to positive emotions. Spaces that efficiently cater to the needs of their occupants, whether it's a home, workplace, or public area, can enhance convenience and satisfaction, positively influencing emotional states.
- 6. Environmental Considerations:** Sustainable and environmentally friendly design can contribute to positive emotions by aligning with individuals' values related to conservation and ecological responsibility. Green spaces, biophilic design, and sustainable features may promote a connection to nature, reducing stress and improving overall well-being.
- 7. Sense of Privacy and Security:** Architecture is crucial in providing individuals with a sense of privacy and security. Well-designed homes and public spaces that balance openness with privacy can create environments where people feel safe and comfortable, positively influencing their emotional state.
- 8. Civic Identity:** Iconic buildings and landmarks often become symbols of civic pride and identity. The emotional attachment people develop to these structures can influence their overall sense of place and community, fostering positive emotions associated with pride and belonging.

Architecture is not just about creating physical structures; it is a powerful medium that shapes the human experience and influences emotions. Thoughtful and intentional design can enhance well-being, foster positive emotional responses, and create a more harmonious and enriching built environment.

Chapter Activities



Chapter Activities



Praising Harmony: Balancing Tradition and Modernity

Ar. Megha Singh

The emergence of modernism in the country also instilled unease among architects, as they struggled to reconcile the modern ideas of their profession with the traditional heritage of the nation. Disagreements arose among individuals within the architecture community. Western and colonial architectural styles were considered foreign and opposed to the national identity. The concept of modernization was based on the belief that contemporary India needed modern architectural symbols, forms, and functions to achieve economic and social progress.

The contemporary architecture in India showcases a vibrant blend of traditional and modern elements, which mirrors the country's diverse cultural heritage amid fast urban development. Architects adopt inventive methods that effortlessly combine conventional features with state-of-the-art design concepts. The primary emphasis is on sustainability, which involves using environmentally friendly materials, implementing energy-efficient methods, and integrating intelligent technologies in urban development. The utilization of various materials, such as repurposed and regionally procured elements, demonstrates a dedication to visual appeal and ecological awareness. Public areas are carefully crafted to enrich community life, while prominent landmarks contribute to the ever-changing cityscape. The adaptive reuse of heritage structures exemplifies a deliberate equilibrium between preservation and contemporary functionality. The field of residential architecture is increasingly focused on sustainability and efficiency, leading to a rise in the popularity of compact and energy-efficient designs.

Digital technologies, such as Building Information Modeling (BIM) and additive manufacturing (3D printing), substantially impact the design and construction of intricate and groundbreaking architectural forms. Architectural design in India showcases the country's rich geographical diversity, with each region contributing distinct ideas and influences. Contemporary architecture in India is a dynamic blend of heritage, modernity, and sustainability, resulting in structures that reflect the country's complex and ever-changing identity. Modernity lends its dynamic spirit to the composition. Innovation, cutting-edge technology, and forward-thinking design principles harmonize with tradition, creating a synthesis that speaks to the needs and aspirations of the current era. The result is a space that respects its roots and evolves to meet the demands of a rapidly changing world.

"Praising Harmony" is more than a juxtaposition; it is a thoughtful dance where each step is taken purposefully. It speaks to the architects' ability to navigate the complexities of cultural legacy and contemporary demands, striking a chord that resonates with continuity and progress. In this architectural endeavour, the fusion of tradition and modernity is not a clash but a collaboration. It is an acknowledgement that the essence of a place lies in its history while recognizing that its vitality depends on adaptation and evolution. "Praising Harmony" stands as a living testimony to the belief that architectural beauty and functional brilliance find their most harmonious expression in the delicate interplay between tradition and modernity.



Micro Housing: A solution for increased housing demand

Ar. Aayush Singal

In the face of escalating urbanization and a growing population, micro-housing emerges as a compelling solution to the pressing challenges of housing demand. The concept revolves around creating compact living spaces that offer a pragmatic and sustainable response to the need for affordable housing despite their limited square footage. Microhousing is a type of residential architecture and design that focuses on creating compact living spaces with a minimalist approach. These dwellings are characterized by their small size, typically ranging from 100 to 400 square feet, and are designed to maximize functionality and efficiency within a limited space. Microhousing's primary strength lies in its efficiency. These dwellings provide all the essential amenities within a smaller footprint by optimising space and employing innovative design strategies. This addresses the financial constraints of a burgeoning urban population and aligns with the modern trend towards minimalistic and sustainable living. Investing in microhousing will allow us to reduce environmental impact. Microhomes use less energy, produce less waste and consume fewer resources because of their small size. They require fewer materials to build and ultimately use less energy and create less waste once they are built.

Given the Indian environment and the fact that the generation I am primarily targeting is young, we can infer from their studies that they are frugal with their spending and that their saving rate is very low. When it comes to Milliners City, they operate under the exact zero-saving model because they prefer to build homes in the centre of the city, where land prices are very high, or they want their homes to be within walking distance of all the great places in the city. Housing demand is the primary challenge posed by urban living. The rise in single-person households, coupled with an increasing preference for urban lifestyles, has intensified the need for housing solutions that are both economical and spatially efficient. Microhousing caters to this demographic by offering a cost-effective entry point into city living, allowing individuals to reside in prime locations without compromising functionality.

Microhousing has gained popularity due to changing demographics, urbanization, and evolving lifestyle preferences. It offers an alternative to traditional housing models, catering to those prioritising efficiency, affordability, and a reduced environmental impact in their living spaces. Moreover, the modular nature of many micro-housing units enhances their adaptability and scalability. This flexibility accommodates diverse lifestyle preferences and makes them an ideal solution for temporary or transitional housing needs. Whether it's providing a stepping stone for young professionals, a downsizing option for empty nesters, or a response to housing crises, micro-housing showcases its versatility.



Student's Work



Canvas and pencil sketch by Abhav Gupta

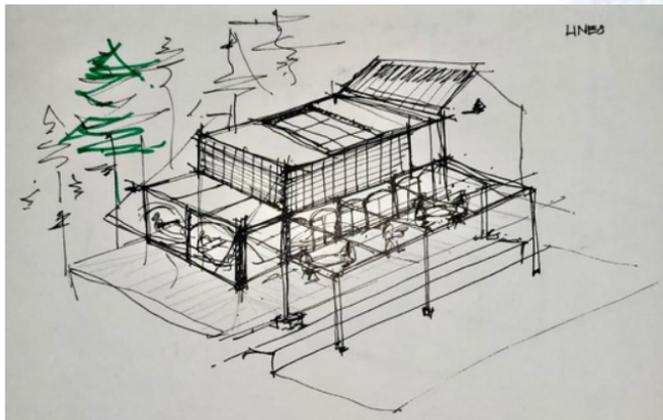


T-Shirt design by Ishaan Shukla



Canvas and Model by Megha Singh

Student's Work



Sketch by Kanika chhikara



Sketch by Reeshica singh



Sketch by Shritima Singh

Newsletter Team

Ar. Vivek Logani

Chairman
IIA Haryana Chapter



Ar. Jasmeet Singh

Head - Publication Committee
IIA Haryana Chapter



Ar. Megha Singh
Student of M. Plan
Cornell University, NY, USA



Ar. Avitesh Vaishnavi Nayak
Member - Executive Committee
IIA Haryana Chapter



Ar. Aayush Singal
Principal Architect
WeStudioURBAN, Gurugram



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