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### Ar. Saifuddin Bin Ahmad

President  
 Architects Regional Council Asia (ARCASIA)  
 99L Jalan Tandok  
 Bangsar, 59100 Kuala Lumpur

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 Ar. Saifuddin Ahmad  
 Malaysia

T: 03-2202 2866

F: 03-2202 2566

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### Subject: Report on the Successful AIAEF Webinar

This report summarizes the highly successful AI-Integrated Architectural Education Forum (AIAEF) webinar, held on August 8, 2024, via Zoom. The event, co-organized by ARCASIA Committee on Architecture Education (ACAE), the University of Lahore, and the Institute of Architects, Pakistan, attracted approximately 500 participants from across Asia, demonstrating a strong interest in the integration of Artificial Intelligence (AI) in architectural education.

As part of the key programs of ACAE, this Online Forum is one of the 3 Major Online Forums that is part of the major events of ACAE, each forum to be hosted by the different ACAE representatives in the 3 different Zones of ARCASIA. This first online forum is the very first one and hosted by Zone A.

**Program Summary:** The webinar program was structured to provide a comprehensive overview of AI's role in architectural education. It began with an introduction to the AIAEF, outlining its objectives and significance for the architectural community. This was followed by opening remarks from the organizers, highlighting the importance of the event and its potential to transform the field. The core of the program consisted of expert presentations by leading AI experts, each covering various aspects of AI in architecture and education. These presentations provided insights into the latest advancements and applications of AI in the field. To foster engagement and encourage dialogue, a dedicated interactive Q&A session was included, allowing participants to directly engage with the speakers and ask questions. The program concluded with a vote of thanks, expressing gratitude to the speakers, participants, and organizers for their contributions to the successful event.



## The Highlights of the Online Forum:

**Keynote Address:** The webinar commenced with an insightful keynote address by Ar. Saifuddin Ahmad, President of ARCASIA, emphasizing the full potential of AI in architectural education and practice.

**Expert Presentations:** Seven distinguished speakers, renowned for their expertise in AI and its applications in architecture, shared their insights and experiences. The presentations covered a wide range of topics, including:

1. **Ar. Junaid Malik, UK, Founder 9particle:** Introduction to AI in architecture design and education
2. **Ar. Hamid Hassanzadeh, TU, Founder Parametric Architecture:** AI and architectural education evaluation
3. **Ar. Farina Shahid, PK, Faculty LCWU & Founder Feynarts Studio:** The genesis of AI across architectural curricular levels
4. **Ar. Sushant Verma, IND, Founding Partner // Design Head rat[LAB] - Research in Architecture & Technology:** Research and development opportunities in AI for architecture
5. **Dr. Hao Zheng, HK, Director Architectural Intelligence Group (AIG) Assistant Professor, Department of Architecture and Civil Engineering, City University of Hong Kong:** Generative design and machine learning in architecture
6. **Ar. Muhammad Ali, PK, Founder Space Mass Group:** Student engagement and learning in AI-driven architecture
7. **Ar. Vamsi K. Vemuri, Ger, Co-Founder Futurly:** AI as an architectural ally: enhancing creativity and efficiency

**Interactive Session:** The webinar included a dynamic Q&A session, providing participants with an opportunity to engage with the speakers and delve deeper into the practical implications of AI in architectural education.

**Position Paper Development:** The AIAEF webinar served as a platform for collaborative efforts towards developing a comprehensive position paper on the integration of AI in architectural education. This document will serve as a valuable resource for all participating countries, offering guidelines and recommendations to equip educational institutions, faculty, and policymakers with the knowledge and tools necessary to harness the benefits of AI.



### Outcomes:

- 1. Increased Awareness:** The AIAEF webinar significantly raised awareness among architects, educators, and policymakers regarding the potential of AI to revolutionize architectural education and practice.
- 2. Knowledge Sharing:** The event facilitated a valuable exchange of knowledge and experiences, strengthening the collaboration and innovation in the field of AI-integrated architecture.
- 3. Collaborative Efforts:** The webinar served as a catalyst for initiating collaborative efforts among ARCASIA members, educational institutions, and industry stakeholders to advance the integration of AI in architectural education.

### Recommendations:

To ensure the continued success of integrating AI into architectural education, ARCASIA should prioritize several key initiatives. First, to strengthen collaboration with educational institutions and industry partners in order to develop and implement AI-integrated architectural education programs. This collaboration will allow for the creation of relevant and impactful curricula that meet the needs of both the academic and professional worlds. Second, the comprehensive position paper developed during the AIAEF webinar should be widely disseminated to relevant stakeholders, including educators, policymakers, and industry professionals. This will help to promote the adoption and implementation of the paper's recommendations, advancing the integration of AI in architectural education. Finally, ARCASIA should consider organizing future events focused on specific aspects of AI in architecture, such as AI-driven design, computational design, and the use of AI in building information modeling (BIM). These focused events will allow for deeper exploration of specific areas and provide opportunities for further collaboration and knowledge sharing.

### Conclusion:

The AIAEF webinar was a resounding success, demonstrating the growing interest and potential of AI in architectural education. ARCASIA, through its leadership and collaborative efforts, is well-positioned to play a pivotal role in shaping the future of architectural education by embracing the transformative power of AI.

### Prepared by:



**Ar. Jonathan V. Manalad**  
Chairman, Committee on Architecture Education (ACAE)  
Architects Regional Council Asia (ARCASIA) 24-25

