

# **Event Report: Srishti Civil Engineering Association Workshop on Augmented Reality and Career Guidance in Engineering**

## **Event Details:**

**Date and Time:** December 29, 2023, from 7:00 pm to 8:45 pm

**Organizing Body:** Srishti Civil Engineering Association, Mar Baselios Christian College of Engineering

**Workshop Theme:** Augmented Reality and Career Guidance in Engineering

## **Introduction:**

The Srishti Civil Engineering Association, a prominent entity within Mar Baselios Christian College of Engineering, orchestrated a highly informative and engaging online workshop on "Augmented Reality and Career Guidance in Engineering." This event unfolded on the evening of December 29, 2023, from 7:00 pm to 8:45 pm, aiming to unravel the intricacies of augmented reality while concurrently offering invaluable career insights to aspiring engineering enthusiasts.

## **Key Details:**

**Speaker:** The workshop was facilitated by Er. Sanal Satheesh, Chief Faculty of Arcite School of Technical Education. His wealth of experience and expertise in the field ensured a robust and enlightening session.

**Participants:** The workshop garnered active participation from a diverse cohort, with a total of 76 attendees. This inclusive group comprised students hailing from +2 Science, VHSE, Polytechnic, and ITI, representing an amalgamation of educational institutions.

**Organizers:** The proficient team behind the workshop included Prof. Mintu Sara George, the esteemed Head of the Civil Engineering Department, along with Prof. Ardra S Jayachandran and Prof. Alona Sara Sajan, who played pivotal roles as co-incharges of the event.

### **Session Highlights:**

Commencing with a cordial welcome from the organizing team, the workshop swiftly transitioned into the capable hands of Er. Sanal Satheesh. His engaging delivery and interactive approach captivated the audience, ensuring an inclusive learning experience. The session was meticulously structured to accommodate the diverse educational backgrounds and interests of the participants.

Er. Sanal Satheesh delved into the foundational concepts of augmented reality, elucidating how it overlays digital information onto the real-world environment. Participants gained insights into the technological components, including sensors, cameras, and display devices, essential for creating immersive augmented reality experiences.

### **Additional Points on Augmented Reality:**

#### **1. Applications in Engineering:**

- The workshop comprehensively explored the diverse applications of augmented reality in the engineering sector.
- Specific examples were discussed, ranging from architectural visualization and design prototyping to maintenance and repair procedures in complex engineering systems.

#### **2. Case Studies and Industry Trends:**

- Real-world case studies were presented, showcasing successful implementations of augmented reality in engineering projects.

- Er. Sanal Satheesh highlighted current industry trends, emphasizing the growing importance of augmented reality in optimizing engineering processes and enhancing project efficiency.

### **3. Interactive Demonstrations:**

- The session included interactive demonstrations, allowing participants to experience augmented reality applications firsthand.

- This hands-on approach facilitated a deeper understanding of the technology's practical implications in engineering scenarios.

## **Career Guidance Highlights:**

### **1. Diversity of Engineering Disciplines:**

- Er. Sanal Satheesh provided a panoramic view of the diverse engineering disciplines available, ranging from civil and mechanical to electrical and computer engineering.

- Participants gained clarity on the distinct roles and responsibilities associated with each discipline, aiding them in making informed decisions about their academic and professional paths.

### **2. Emerging Specializations:**

- The workshop shed light on emerging specializations within the engineering domain, aligning with the rapid advancements in technology.

- Participants were informed about specialized fields such as artificial intelligence, robotics, and sustainable engineering, offering insights into potential areas of interest.

### **3. Skill Development and Continuous Learning:**

- Emphasis was placed on the importance of continuous learning and skill development in the engineering profession.

- Er. Sanal Satheesh provided guidance on acquiring relevant skills, staying updated with industry trends, and actively participating in professional development opportunities.

#### **4. Industry Networking and Internships:**

- Participants were encouraged to actively engage in industry networking events and explore internship opportunities.

- Er. Sanal Satheesh shared strategies for building a strong professional network and leveraging internships to gain practical experience and enhance employability.

#### **5. Soft Skills and Communication:**

- Career guidance extended beyond technical skills, encompassing the significance of soft skills and effective communication in the engineering workplace.

- Practical tips were shared on honing skills such as teamwork, problem-solving, and effective communication to thrive in diverse engineering environments.

#### **6. Future Prospects and Global Trends:**

- The workshop offered foresight into the future prospects of the engineering industry, considering global trends and technological shifts.

- Participants were equipped with knowledge to align their career trajectories with the evolving demands of the engineering profession.

#### **Q&A Session and Participant Engagement:**

- The workshop's interactive nature was further amplified during the Q&A session, where participants engaged in thoughtful discussions with Er. Sanal Satheesh.

- Specific queries related to both augmented reality and career guidance were addressed, fostering a supportive and collaborative learning environment.

## **Conclusion and Participant Feedback:**

- As the workshop concluded, participants expressed appreciation for the in-depth exploration of augmented reality and the comprehensive career guidance provided.
- Feedback collected highlighted the enhanced understanding of both technological concepts and practical career considerations, indicating the success of the workshop in meeting its objectives.

## **Overall Impact and Future Endeavours:**

- The augmented reality and career guidance workshop, organized by the Srishti Civil Engineering Association, left a lasting impact on participants, equipping them with valuable knowledge for their engineering journeys.
- The organizers expressed their commitment to future endeavours aimed at providing students with similar opportunities to explore emerging technologies and make informed decisions about their careers in engineering.



**MAR BASELIOS CHRISTIAN**  
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# ONLINE WORKSHOP ON AUGMENTED REALITY AND CAREER GUIDANCE IN ENGINEERING

+2 Science, VHSE, ITI, Polytechnic passout and pursuing students can register

- 🕒 1 Hour
- 🔊 Live Session + Q&A
- 🏆 e-certificates provided
- 🕒 7 to 8 PM IST



Registration link:  
<https://forms.gle/SDQzxEDpaHRXbUrW7>

FREE  
REGISTRATION





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