MES ASMABI COLLEGE
DEPARTMENT OF DIGITAL FILM PRODUCTION
2024-25 ACADEMIC YEAR

OFF CAMPUS WORKSHOP EXPLAINING GLOBAL SHUTTER TECHNOLOGY- REPORT

Report

VENUE: ADLUX INTERNATIONAL CONVENTION, ANGAMALY
DATE: JUNE 14, 2024 PARTICIPATION: 37

On June 14, 2024, a detailed session on Global Shutter Technology was conducted at the Adlux International Convention, Angamaly. The class was led by Abraham Tharakan and attended by 37 students from the Department of Digital Film Production.

The session aimed to provide an in-depth understanding of global shutter technology, its applications, and its advantages over traditional rolling shutter technology

The session began at 10:30 AM with an introduction by the coordinators. Abraham Tharakan took the stage to explain the principles and workings of global shutter technology. The presentation was divided into several segments, covering the following key topics:

1. Introduction to Shutter Technologies
- Differences between global shutter and rolling shutter
- Historical development and evolution of shutter technologies
2. Technical Mechanisms of Global Shutter
- How global shutters capture entire frames simultaneously
- Comparison of sensor architectures: global vs. rolling shutter sensors
3. Advantages of Global Shutter Technology
- Elimination of motion artifacts and skewing
- Enhanced image quality for fast-moving subjects
- Applications in various industries, including filmmaking, sports broadcasting, and scientific research

Following the lecture, an interactive discussion was held where students engaged with Abraham Tharakan, asking questions and sharing their insights. Topics discussed included:

- ***Practical applications of global shutter technology in digital film production***
- ***Comparisons of real-world performance between cameras using global and rolling shutters***
- ***The future of global shutter technology in the industry***

Outcome

The session concluded at 12:30 PM with a summary of the key points discussed and a thank-you note from the coordinators. The event was well-received, with students expressing their appreciation for the comprehensive and engaging presentation. The coordinators, Prasoon TP, Maneesha K, and Mynag Suresh, ensured the smooth conduct of the session and facilitated an enriching learning experience for all attendees

Post-event feedback from the students indicated a high level of satisfaction with the content and delivery of the session. Many students highlighted the clarity of Abraham Tharakan's explanations and the value of the interactive discussion in enhancing their understanding of global shutter technology.

NAME OF COORDINATOR

MYNAG SURESH (HOD)
MANEESHA K (FACULTY)
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