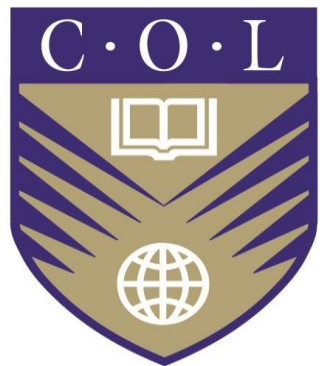# Documentary and Film Making Workshop

Opening Remarks Delivered by Dr B. Shadrach, Director, CEMCA, at IIMC, New Delhi on 23 November 2023

CEMCA

Thanks to UNESCO and IIMC, especially Dr Pavendra and Ms Bhatnagar for the space and Mr Dlamini and Ms Singh for the partnership, and the award winning candidates assembled today.

Special thanks to Mr Aditya Kapoor and Dr Daljeet Sachdeva for their expertise generously shared today.

The topic is Documentary and Film making, with a connotation to the use of AI!

AI in scriptwriting

- Sunspring, and Solicitors as the short films where the entire script was AI-written

- AI algorithms can generate scripts, storylines, and plot suggestions based on data and patterns derived from existing films and literary works. By analyzing character arcs, dialogue structures, and narrative tropes, AI may be able to provide fresh perspectives and inspire filmmakers with innovative ideas.

- The full feature film is yet to be seen. But the days may not be too far away!

AI in pre-production

- Before a film is shot, a lot of effort goes into pre-production, with tasks like storyboarding, casting, location scouting, and budgeting. AI has already become a valuable ally in streamlining this pre-production process.

- AI can analyse large amounts of data and thus, can be helpful for finding locations, selecting actors, streamlining budgets and scheduling.

- As an efficient decision-taking ally

AI in cinematography

- AI can also help with tasks like camera automation for executing precise and complex camera movements, and scene optimizations for determining the best lighting conditions, composition, and camera angles.

- AI can also be used to suggest adjustments which enhance visual aesthetics and ensure optimal shot composition. This helps cinematographers and directors capture visually stunning sequences while maximizing production efficiency.

AI in visual effect

▶ The use of AI in filmmaking is perhaps most evident in the post-production process. The world of visual effects (VFX), computer-generated imagery (CGI), and film editing have seen a significant transformation with the help of AI and machine learning algorithms.

▶ These technologies can help make films more realistic and immersive, elevating the overall cinematic experience.

Future of Film-making

▶ The impact of AI technology is affecting almost every single process in the film industry and will likely continue to do so in the coming years.

▶ In addition to the areas mentioned here, a few other areas, like audience analysis and personalized filmmaking, are just now popping up on the horizon.

▶ In fact, AI technologies are already being used in marketing and recommendation systems that analyze audience data and provide personalized experiences and recommendations, as on Netflix.

Ethical considerations!