



Action Taken Report

Participation in Student Research Competition - AVISHKAR 2025–26

Organized by

Sant Gadge Baba Amravati, University, Amravati

Avishkar Cell

Name of Participant Student: Aryan Ankush Weldode

Date: 14 November 2025

Venue: Rajarshi Shahu College of Pharmacy, Buldana

Topic: *Smartphone Filmmaking: The Rise of Low-Budget Innovation*

Objectives

- 1) To study how smartphones have made **filmmaking affordable, accessible, and innovative**.
- 2) To understand the **tools, applications, advantages, and limitations** of smartphone filmmaking.
- 3) To examine successful examples of **smartphone-made films** and the role of creativity and storytelling.
- 4) To explore the role of **social media, OTT platforms, and education** in promoting smartphone filmmaking.

Action Taken

The participant Aryan Ankush Weldode, from B. Com. I year undertook a systematic study of smartphone filmmaking as an emerging form of low-budget innovation in the film industry. Information was collected and organized on the concept, development, advantages, challenges, applications, and future possibilities of smartphone filmmaking.

The study examined how modern smartphones equipped with high-resolution cameras, image stabilization, slow-motion features, wide-angle lenses, and editing applications have reduced the dependence on expensive professional equipment. The participant explored the use of accessories such as tripods, gimbals, external microphones, lighting equipment, and lens attachments to improve the quality of mobile productions.

Various mobile editing and filmmaking applications, including **CapCut, KineMaster, InShot, Adobe Premiere Rush, LumaFusion, FiLMiC Pro, ProCam X, and Shot Lister**, were studied as examples of tools that support shooting, editing, and production planning.

The participant also reviewed notable examples of smartphone filmmaking, including *Tangerine* (2015), directed by Sean Baker and shot using an iPhone 5S, and *Unsane* (2018), directed by Steven Soderbergh and filmed using an iPhone 7 Plus. These examples demonstrated that smartphones can be used to produce professionally recognized cinematic works. The study also considered the growing use of smartphones by Indian students, independent filmmakers, vloggers, and short-film creators.

The research further examined the role of platforms such as YouTube, Instagram, and OTT services in providing wider exposure to mobile filmmakers. Attention was also given to the educational importance of smartphone filmmaking, particularly its ability to help students learn scripting, cinematography, editing, storytelling, and digital communication using easily available technology.

The participant identified major challenges such as limited battery life, storage requirements, sound quality, lighting difficulties, and the need for greater professional recognition. Practical solutions, including proper planning, use of external microphones and lighting, steady camera techniques, natural light, and effective editing, were also studied. Through this research activity, the participant developed a better understanding of how technology can support creative expression and innovation with minimum resources.

Outcome of Participation

The participation enhanced the student's research skills, technological awareness, creativity, and confidence, while providing practical knowledge of smartphone filmmaking and earning a participation certificate.

Conclusion

The participation in AVISHKAR 2025–26 provided the student with an opportunity to explore an emerging technological and creative field through research. The

study concluded that smartphone filmmaking is much more than a low-cost substitute for conventional filmmaking. It represents a significant change in the way stories can be created, produced, edited, and shared.

The activity highlighted that creativity, imagination, planning, and storytelling are more important than expensive equipment. Smartphone filmmaking has empowered students and independent creators, including those from resource-limited backgrounds, to express their ideas and reach wider audiences.

Overall, the research participation strengthened the student's research skills, technological awareness, creativity, and confidence while demonstrating the potential of smartphones as powerful tools for innovation and visual storytelling.

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Participation Certificate

