

Social Media Platforms for Collaborative Learning and Knowledge Sharing



Anuradha Parasar, Arti Bhatt,
Galgotias University, Shri Guru Ram
Rai University

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¹Anuradha Parasar, School of Liberal Education, Galgotias University, Greater Noida, Uttar Pradesh, India. anuradhaparasar99@gmail.com

²Arti Bhatt, Assistant professor, Department of Mass Communication, School of Humanities and Social sciences, Shri Guru Ram Rai University, Dehradun, Uttarakhand, India, bhattarti2019@gmail.com

Abstract

This chapter explores the dynamic role of social media platforms in fostering collaborative learning and knowledge sharing in contemporary educational settings. The rapid integration of digital technologies has revolutionized traditional learning environments, with platforms such as Facebook, Twitter, LinkedIn, and YouTube emerging as powerful tools for enhancing student engagement, interaction, and resource sharing. By critically examining the benefits and challenges of these platforms, the chapter highlights how social media can facilitate the creation of interactive learning communities, support peer-to-peer collaboration, and promote the dissemination of knowledge. The discussion emphasizes the need for educators and learners to strategically navigate these platforms to maximize their educational potential while addressing issues related to privacy, distraction, and content quality. Through an in-depth analysis, this chapter provides valuable insights into the evolving landscape of collaborative learning, offering a comprehensive understanding of the interplay between digital technologies and academic success. Key considerations for future research and practical implications for integrating social media into curriculum design and educational practices are also discussed.

Keywords: Collaborative Learning, Knowledge Sharing, Social Media Platforms, Educational Communities, Digital Learning, Academic Collaboration

Introduction

The integration of social media platforms into the educational landscape has significantly reshaped traditional methods of collaborative learning and knowledge sharing [1]. Social media, once primarily used for personal networking and entertainment, is now increasingly recognized as a tool for fostering educational engagement [2]. The ability of these platforms to facilitate communication, promote interactive learning, and connect individuals across geographic boundaries has made them indispensable in contemporary academic environments [3]. Platforms such as Facebook, Twitter, LinkedIn, and YouTube provide unique features that support collaborative learning, enabling students and educators to share resources, discuss ideas, and engage in knowledge exchange beyond the limitations of conventional classroom settings [4]. As digital tools, these platforms have become integral to the learning process, offering opportunities for students to access diverse perspectives and collaborate with peers, experts, and educators on a global scale [5].

One of the most significant advantages of social media in education is its capacity to enhance interaction and engagement among students [6]. Traditional learning environments often limit the scope of student interactions to the classroom, with limited opportunities for peer-to-peer collaboration outside scheduled hours [7]. Social media platforms break down these barriers by allowing learners to communicate and collaborate in real-time, regardless of time or location. Through the use of group discussions, instant messaging, and shared content, students are able to engage more dynamically with course material and each other [8]. The informal nature of social media platforms encourages participation from students who may otherwise be hesitant to engage in more formal academic settings [9]. This increased interaction not only enriches the learning experience but also helps to cultivate a sense of community among learners, which is essential for fostering motivation and collaboration [10].

There are challenges associated with the use of social media platforms for collaborative learning. One of the main concerns is the issue of content quality and credibility [11]. As social media platforms are open to a wide range of users, the educational material shared on these platforms is not always subjected to rigorous peer review or quality control measures [12]. This lack of oversight can result in the spread of misinformation or incomplete knowledge, which can negatively impact the learning experience [13]. For students, distinguishing between reliable and unreliable sources of information can be a daunting task, particularly when dealing with complex academic content [14]. Educators, therefore, need to play a proactive role in guiding students towards credible resources and ensuring that the content shared on these platforms aligns with academic standards. Addressing these concerns is crucial for maximizing the educational potential of social media in collaborative learning environments [15].