



## To Study the Challenges of Social Media Competencies Faced by Pre-Service Teachers in Their Learning Process

Priti Ramesh Kakade<sup>1</sup> & Dr. Chandan Shingte<sup>2</sup>

1. Ph.D. Research Scholar, Tilak College of Education, Pune
2. Associate Professor, Tilak College of Education, Pune

### Abstract:

*To deal with the challenges social media is one of the best way to provide quality education. This Study discusses social media, social media competency, its features, the use of social media in teaching and integration in education. Social media has become a way of life. Society has become very connected, yet the classroom remains quite isolated, from other teachers, students, experts, parents, the community and a host of others who could potentially enhance learning.*

**Keywords:** *Social Media, Social Media Competencies, Challenges, Pre-service Teachers.*

### Introduction:

Social Media: Social media has become a way of life. Society has become very connected, yet the classroom remains quite isolated, from other teachers, students, experts, parents, the community and a host of others who could potentially enhance learning. There are so many different ways by which colleges and teacher educators could open their classrooms to the rest of the world and social media is one of those. Social Media is a very effective tool for the digitalization of education. Quality-based training and teaching is the biggest challenge Infront of the educational institutes. To deal with this challenges social media is one of the best way to provide quality education. This Study discusses social media, social media competency, its features, the use of social media in teaching and integration in education.

Social media is the grouping of individuals into specific groups like small rural communities or neighbourhood subdivisions. Social media is possible in person, especially in the workplace, universities and high colleges, it is most popular online. The Internet is filled with millions of individuals who are looking to meet other people, together and share first-hand information and experiences about teaching, learning, developing friendships, professional alliances, finding employment, business-to-business marketing and even groups sharing information about baking scopes to the thrive movement. When it comes to online social media and websites are commonly used.

### Social Media Competency for Pre-service Teachers:

Social media is one of the most important technological options available to the teacher educators and student teacher educators. Blogs, Wikis, Flicker, Facebook, Twitter, LinkedIn, You Tube, etc. are some of the social media commonly used by the student community. They are useful for all forms of collaboration,

media sharing etc. They have relevance for informal learning because they encourage the sharing of the expertise from a bottom-up perspective, without the need for managerial intervention. They save a teacher's time and they are the best and powerful tools to satisfy the course goals and learning objectives. Access, usability, privacy, engagement, participation, collaboration, openness, creativity, proactively and critical thinking are some of the critical aspects of social media.

### **Objective:**

1. To study the challenges of using social media competencies in the field of education .

### **Literature Review**

ICT has tremendous potential and educational value for making the teaching learning process more meaningful, easy and realistic.

The researcher Lau, W.F. (2018). has conducted research study entitled Relationships between Pre-service Teachers' Social Media Usage in Informal Settings and Technological Pedagogical Content Knowledge. In this research, the researcher investigated the relationship between SMU in informal settings and technological pedagogical content knowledge (TPACK) among pre-service teachers. The sample of this is 212 pre-service teachers of Hong Kong. Online survey was conducted by the researcher. This research provides an alternative avenue for teacher educators and researchers to rethink theory and practice with regard to preparing pre-service teachers to integrate technology into their professional practices.

The purpose of the researcher Taluae, G. (2018) behind this article is to assess the impact of social media on academic performance of selected college students. In this research, the researcher, raise the actual impact of daily communication of youth in social media. Researcher used a descriptive research design was to gain accurate profile of situation

### **Methodology:**

A survey instrument was developed in order to assess the sample. The researcher used a questionnaire for the students from the B.Ed college from Pune. The questionnaire consisted of two types of questions- open ended type and closed ended. Five open ended questions were prepared by researcher, and Fifteen questions with MCQ closed type of questions were consisted in a questionnaire. The aim is to collect diverse perspectives to know the challenges of social media competencies faced by pre-service teachers.

### **Analysis & interpretation:**

The data was analyzed as:

Part 1- Data obtained from Pre-service Teachers.

Questionnaire responses for open ended questions were recorded by frequency analysis qualitatively.

The data analyzed were presented in two parts:

- a) About sources of social media.
- b) About Challenges in using social media competency in education.

Responses for open ended questions were recorded by frequency analysis. For closed ended questions of MCQ type, the percentage was calculated for each response and for interpretation the questionnaire was used by the researcher as shown:

Sr. No.	Percentage	Interpretation
•	0-25	Very Few
•	26-50	Less
•	51-75	Mostly
•	76-100	Mostly

### Findings of the study:

Part 1) Interpretation from data obtained from Pre-service Teachers (B.Ed. Students)-

a) About tools/platforms of social media:

- Most of the B.Ed. students opined that Facebook, You Tube, are the sources used mostly by them.
- Many students opined that WhatsApp media is used.
- Less number of students say that live conference, Google+, Blog are used by them.
- Very few students opined that LinkedIn, Twitter, wolfram alpha, Symbol lab, telegram, Text semiotics are used by them.

b) About use of social media in education:

- Mostly all the students opined that they are aware of social media sources.
- Most of the students access social media sources from their own colleges, while many of them access from the cyber café or mobile.
- Mostly the students rated social media as a 'good' source for education. Very few rated the social media 'Excellent', 'Average' and 'Need an improvement'.
- Most of the teachers and students were using social media in education for content or participating in discussion through blogging, sharing information in the form of images, videos, messages etc.

c) About challenges using social media competencies- (Qualitative analysis):

I) Quality-based training and teaching.

-In-service and Pre-service Teachers programs needs to be provide.

II) Challenges related to installation.

- Computer/ mobile RAM is less.

- Creating ID is a time-consuming process.
- Installation guide is not up to date.

III) Challenges related to technical support:

- Sometimes lot of technical support is needed.
- Accessibility to technical support is difficult.
- Lack of technical knowledge.
- Mailing list 7 forums are exhausting to find out specific information.
- Extra guidelines & help is needed.

#### IV) Challenges related to usability:

- Difficulties in executing commands.
- Lack of Skills in use.
- Lack of accessibility.
- Need of expertise training.
- The deployment related problems.

#### 2. Mental and social challenge's-

- cyberbullying & harassment
- Addiction
- social comparison, pressure to maintain an image

#### 3. Practical and safety challenges-

- privacy and security risks
- Time Management

#### **Conclusion:**

A survey was conducted to find out sources of social media and challenges faced by B.Ed. students studying in Education colleges, affiliated to SPPU, Pune. The data was collected through questionnaire from 100 students. The analysis shows that social media sources Facebook, You Tube, what's app, linked in, Twitter, wolfram alpha are useful in teaching and learning but there are few challenges related to installation, technical support and usability.

Social media, their features, social media competency are the today's needs for teacher educators. It will be a gateway of freedom for students and teacher educators. Teacher educators and student teacher educators can make even better use of social media facilities together. Social media has vast potential in education and it is very effective tool for teaching and learning process. With the help of social media teachers can engage students during classroom transactions. Teachers can easily connect and communicate with their students any time. It increases Creativity, students get more motivation for learning, improves Verbal Instructions, helps to form Clear Images, and provide variety of teaching and learning tools. Students will be able to easily get e-contents and also will be able to interact among one another in their social media group sharing their problems for getting solutions. Learners will be able to help one another in groups and this is called collaborative learning and create their own ideas and share in the group and will lead to constructivism

theory of learning. Integration of Social media in classroom is supports the digital education as well as the NEP 2020.

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**Citation:** Kakade. P. R. & Shingte. Dr. C., (2026) “To Study the Challenges of Social Media Competencies Faced by Pre-Service Teachers in Their Learning Process”, *Bharati International Journal of Multidisciplinary Research & Development (BIJMRD)*, Vol-4, Issue-04(1), April-2026.