



## COPY RIGHT

**2023 IJIEMR.** Personal use of this material is permitted. Permission from IJIEMR must be obtained for all other uses, in any current or future media, including reprinting/republishing this material for advertising or promotional purposes, creating new collective works, for resale or redistribution to servers or lists, or reuse of any copyrighted component of this work in other works. No Reprint should be done to this paper, all copy right is authenticated to Paper Authors

IJIEMR Transactions, online available on 28<sup>th</sup> Apr 2023. Link

[:http://www.ijiemr.org/downloads.php?vol=Volume-12&issue=Issue 04](http://www.ijiemr.org/downloads.php?vol=Volume-12&issue=Issue 04)

**10.48047/IJIEMR/V12/ISSUE 04/167**

Title JE Online Discussion Forum

Volume 12, ISSUE 04, Pages: 1296-1304

Paper Authors

Shubham Ingole ,Bhushan Jadhao,Sakshi Sawale, Radhika Ingalkar , Nilam Shendre, Minal Pardey



USE THIS BARCODE TO ACCESS YOUR ONLINE PAPER

To Secure Your Paper As Per **UGC Guidelines** We Are Providing A Electronic Bar Code

## JE Online Discussion Forum

Shubham Ingole<sup>1</sup>, Bhushan Jadhao<sup>2</sup>,  
Sakshi Sawale<sup>3</sup>, Radhika Ingalkar<sup>4</sup>, Nilam Shendre<sup>5</sup>, Minal Pardey<sup>6</sup>

<sup>12345</sup> *B.E Student Of Computer Engineering, JCOET, Yavatmal, Maharashtra, India*

<sup>6</sup> *Professor, At JCOET, Yavatmal, Maharashtra, India, Sant Gadge Baba Amravati University, Amravati, Maharashtra, India*

*Email: [shubhamingole169@gmail.com](mailto:shubhamingole169@gmail.com), [bhushanjadhao2982001@gmail.com](mailto:bhushanjadhao2982001@gmail.com), [sakshisawale9999@gmail.com](mailto:sakshisawale9999@gmail.com), [ingalkarradhika@gmail.com](mailto:ingalkarradhika@gmail.com), [nilamshendre6@gmail.com](mailto:nilamshendre6@gmail.com), [minalpardey@gmail.com](mailto:minalpardey@gmail.com)*

---

### ABSTRACT :

*An online discussion forum is a virtual platform that brings together people from different parts of the world to exchange ideas and opinions on various topics of interest. The purpose of an online discussion forum is to provide a platform for participants to engage in meaningful conversations, share knowledge, learn from one another, and build relationships. This online discussion forum will be focused on a specific topic or theme, and participants will be encouraged to share their thoughts and ideas related to the topic. The forum will be moderated by a team of experienced moderators who will ensure that the discussion remains respectful and on-topic. Participants will be able to post questions, comments, and feedback, and engage in discussions with other*

*participants. The forum will also include various features such as live chat, polls, and surveys to encourage interaction and engagement.*

*The online discussion forum will provide an opportunity for participants to connect with like-minded individuals from around the world and learn from each other. Participants will have the chance to broaden their perspectives, gain new insights, and develop new ideas. Overall, the online discussion forum will be a vibrant and dynamic platform that will foster constructive dialogue, encourage the exchange of ideas, and create a sense of community among its participants.*

**Keywords-**Tag, Discussion, Topic, Notes

## 1.INTRODUCTION:

An online discussion forum is a virtual platform where people can exchange ideas, opinions, and information on various topics of interest. Discussion forums can cover a wide range of topics, including politics, technology, hobbies, education, and more. They provide a space for individuals with similar interests to connect and communicate with each other, regardless of their geographical location.

The earliest forms of online discussion forums date back to the 1970s, with the creation of the first bulletin board systems (BBS). These were text-based systems that allowed users to post messages and reply to other messages, creating a threaded discussion. The evolution of the internet and the advent of web-based forums in the 1990s made it easier for people to participate in online discussions, and today, there are countless discussion forums available on the internet.

Online discussion forums typically have several features that facilitate communication and engagement. Users can create a profile, which allows them to personalize their experience on the forum and provides a means of identification. They can also create posts, which can include text, images, and links,

and reply to other users' posts. In many forums, posts are organized into threads, which allow users to follow a particular conversation or topic.

Moderation is an important aspect of online discussion forums. Moderators are responsible for ensuring that the discussion remains respectful and on-topic. They may enforce rules and guidelines for participation, monitor posts for inappropriate content, and remove or edit posts that violate the rules.

Online discussion forums have several benefits. They provide a platform for people to connect with others who share similar interests and to exchange knowledge and information. They can also facilitate collaboration and problem-solving, as users can work together to address issues and find solutions. Additionally, forums can be a source of support and encouragement for individuals facing challenges or seeking advice.

However, there are also challenges associated with online discussion forums. One issue is the potential for anonymity to encourage negative behavior such as trolling or harassment. Moderators must be vigilant in addressing these issues and promoting a respectful and inclusive environment. Another

challenge is the potential for misinformation to spread quickly on forums, which can lead to confusion and harm. It is important for users to verify information and sources before accepting them as true.

Overall, online discussion forums provide a valuable space for individuals to connect, learn, and share. They allow people to engage in meaningful conversations with others who share their interests and to expand their knowledge and understanding of various topics. With effective moderation and responsible participation, online discussion forums can be a powerful tool for fostering communication and collaboration among people from all over the world.

## 2. LITERATURE SURVEY:

1. "The Impact of Online Discussion Forums on Student Learning: A Literature Review" by Zou, Yang, and Chen (2017) - This literature review explores the impact of online discussion forums on student learning in higher education. The authors found that online discussion forums can enhance student engagement and critical thinking skills, but that their effectiveness may depend on factors such as the design of the forum and the quality of moderation.

2. "Online Discussion Forums: Benefits and Challenges" by Dennen

and Bonk (2007) - This article provides an overview of the benefits and challenges of online discussion forums. The authors highlight the potential for forums to support collaborative learning and provide opportunities for reflection, but also note challenges such as the need for effective moderation and the potential for social loafing.

3. "The Use of Online Discussion Forums in Higher Education: A Review of the Literature" by Karami and Charlang (2020) - This literature review examines the use of online discussion forums in higher education, with a focus on their effectiveness in promoting student

engagement and learning outcomes. The authors found that online discussion forums can be effective in enhancing critical thinking and communication skills, but that the quality of the forum design and moderation are critical factors in their success.

4. "Online Discussion Forums: A Review of the Literature and Its Application in Higher Education" by Kim and Bonk (2006) - This article reviews the literature on online discussion forums and their application in higher education. The authors discuss the potential benefits of forums for promoting student interaction and collaboration, but also highlight challenges such as the

potential for low participation and the need for effective moderation.

5. "The Use of Online Discussion Forums in Educational Contexts: A Systematic Review of Literature" by Oztok, Zingaro, and Brett (2013) -

This systematic literature review examines the use of online discussion forums in educational contexts. The authors found that forums can be effective in promoting student

engagement and learning outcomes, but that their success may depend on factors such as the nature of the task and the level of participation.

### 3. PROPOSED SYSTEM:

The purpose of online discussion forums is to provide a virtual platform for individuals to engage in meaningful conversations and exchange knowledge and ideas on various topics of interest. Discussion forums enable people from all over the world to connect and communicate with each other, regardless of their location or background.

One of the primary purposes of online discussion forums is to facilitate learning and education. Many discussion forums are dedicated to specific topics or fields, such as science, literature, or history. Users can share their expertise and knowledge, ask questions, and

engage in debates and discussions with other users who have similar interests. This creates a space for individuals to expand their knowledge and understanding of various subjects.

Online discussion forums also provide a space for socialization and community building. Forums dedicated to hobbies, sports, or other interests enable people to connect with others who share similar passions. These forums can provide a sense of belonging and community, as users can engage in discussions, share experiences, and offer support and encouragement to each other.

Another purpose of online discussion forums is to provide a platform for advocacy and activism. Forums dedicated to social justice, environmentalism, or political issues enable individuals to discuss important topics and organize for change. These forums can be a powerful tool for mobilizing people and raising awareness about issues that are important to them.

Overall, the purpose of online discussion forums is to provide a space for individuals to connect, communicate and engage in meaningful conversations with others who share their interests and passions. Discussion forums can facilitate learning, community

building, and advocacy, and can provide a valuable resource for individuals seeking knowledge and

There are numerous existing online discussion forums that cover a wide range of topics and interests. Some of the most popular discussion forums include Reddit, Quora, Stack Exchange, and Discord. Reddit is a forum where users can post and discuss content on a variety of topics, while Quora is a platform where users can ask and answer questions. Stack Exchange is a network of forums focused on technical and professional topics, and Discord is a chat platform that enables users to engage in real-time conversations with others who share their interests. Each of these forums has a unique community and culture, with its own rules and norms of behavior, and they

continue to attract users from all over the world who are looking to connect, learn, and engage with others on various topic.

#### 4.FUTURE SCOPE:

The scope of online discussion forums is vast and varied, as these platforms can cover a wide range of topics and serve multiple purposes. Some of the key areas in which online discussion forums have a significant scope include:

connection in an increasingly digital world.

- **EXISTING SYSTEM:**

**Education:** Online discussion forums can be used as a tool for education and learning, providing a platform for students and educators to exchange knowledge and ideas.

**Community building:** Online discussion forums can be used to build communities around specific interests, hobbies, or causes, providing a space for individuals to connect and engage with others who share their passions.

**Advocacy:** Online discussion forums can be used as a tool for advocacy, providing a space for individuals to discuss and organize around issues that are important to them.

**Business:** Online discussion forums can be used as a tool for customer support, providing a platform for businesses to engage with their customers and address their concerns.

**Politics:** Online discussion forums can be used as a tool for political engagement, providing a platform for individuals to discuss and debate political issues and organize for change.

Overall, the scope of online discussion forums is vast and

constantly evolving, as these platforms continue to grow and evolve to meet the changing needs and interests of users. Whether used for education, community building, advocacy, business, politics, or other purposes, online discussion forums have the potential to connect people from all over the world and facilitate meaningful conversations and exchanges of knowledge and ideas.

## 5.SYSTEM ARCHITECTURE :

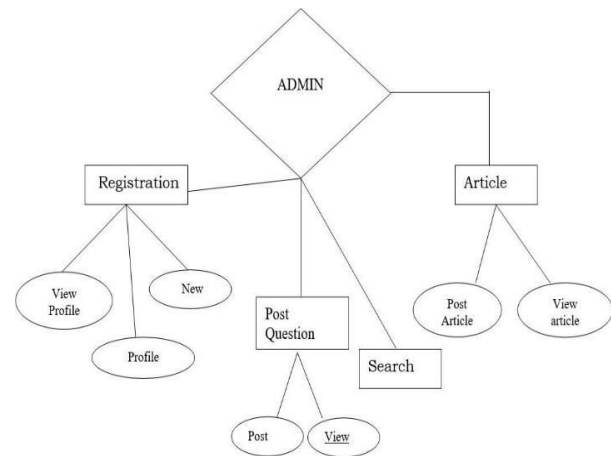
The overall system design consists of the following modules.

### (a) Administrator Module :

In this module we are authenticating the users by providing user name and password. If user name and password is valid then they will be taken to their static screens. When they get matched with each other, system checks their status and transfer the control to respective user-interface. Faculty can share the students information like the attendance , performance and the academic notes.

### (b) Students Module :

The students will be able to download the notes and the result and also the attendance. Students are only read and download the stuff uploaded by the faculty members but they are not able to manipulate the given data.



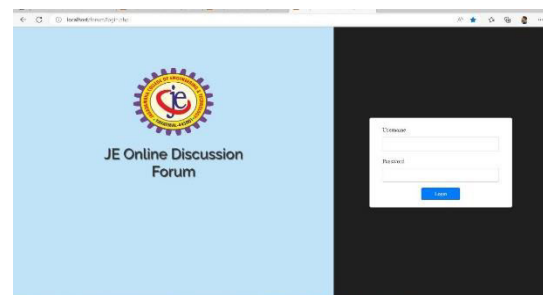
*fig1. Use case diagram*

### Benefits:

- Encouragement of critical thinking.
- own new skills and ideas.
- Only authorized personnel can access.
- learn by stating and understanding, clarify assumpt.

## 6.RESULT :

### 6.1 Log In Page :



*Fig1. Log In page for module*

At the first we developed attractive GUI which will gives good experience to the user, at the first user need to registration on

application with the help of their user name and password which they will get on their personal mail after doing

registration process.

## 6.2 Admin Interface:

### Catageories and tags:

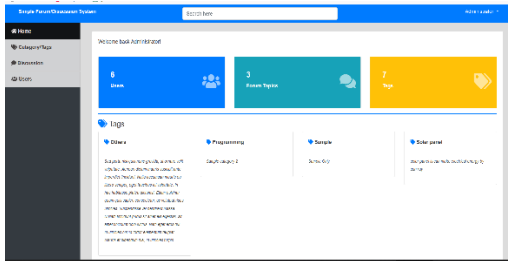


Fig1. Admin page

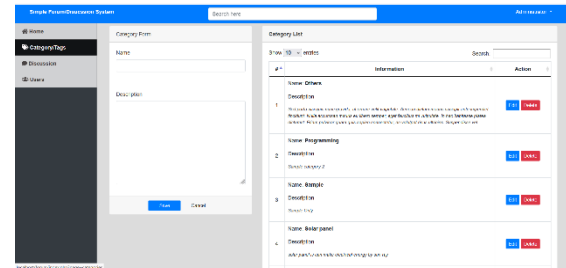


fig3.categories and tags

This feature allows administrators to manage user accounts, such as creating new accounts, deleting accounts, changing passwords, and updating user profiles. Also allows administrators to moderate content posted by users, such as approving or rejecting posts, deleting posts, and banning users who violate forum rules.

Categories and tags are both important tools in organizing and managing discussions within a forum, making it easier for users to find relevant content and engage with other members of the community.

## 6.3 Home Interface:

## 6.4 Discussion :

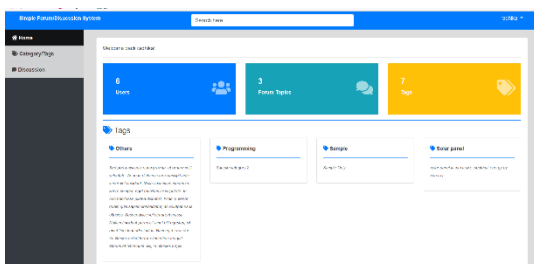


Fig2.Home page for user

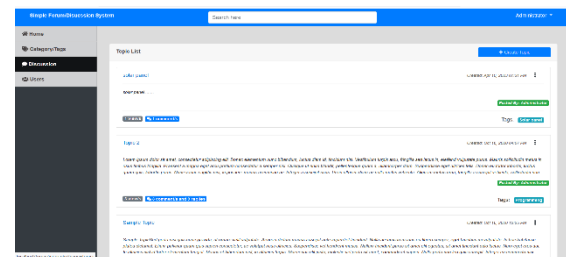


Fig4.Discussion of the users

The discussion panel is often the central focus of the forum, and it is where most of the community activity takes place. It is important for the discussion panel to be well-organized and easy to navigate, with clear titles and descriptions for each thread, so that users can quickly find



the discussions that are most relevant to their interests.

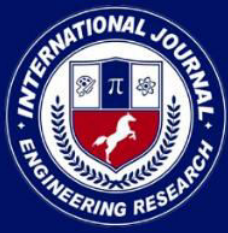
## 7.CONCLUSION:

online discussion forums provide an effective platform for individuals to exchange ideas, opinions, and information on various topics of interest. They allow people from different parts of the world to connect and communicate with each other, regardless of their geographical location. Online discussion forums also provide a sense of community and belonging, as users can interact with like-minded individuals and form meaningful relationships.

## 8.REFERENCES:

1. "The Use of Online Discussion Forums in Educational Settings: A Systematic Review" by M. R. Khalil and M. Ebner (Journal of Educational Technology & Society, 2014)
2. "The Role of Online Discussion Forums in Supporting Inquiry Learning" by S. M. De Wever et al. (Internet and Higher Education, 2011)
3. "Benefits of Online Discussion Forums for Distance Education: A Case Study" by M. C. Milheim and M. E. Martin (Journal of Educational Technology Development and Exchange, 2013)

4. "Online Discussion Forums as a Tool to Enhance Learning in Higher Education: A Case Study" by A. M. A. Mohd Ayub et al. (Journal of Educational Technology & Society, 2015)
5. "The Effectiveness of Online Discussion Forums for Learning: A Meta-Analysis" by X. Wang et al. (Journal of Educational Computing Research, 2018)
6. "Using Online Discussion Forums to Promote Critical Thinking in an Educational Setting" by S. A. Vonderwell (Innovative Higher Education, 2003)
7. "Online Discussion Forums as a Tool for Enhancing Critical Thinking Skills in a Graduate-Level Educational Technology Course" by A. E. Foulger et al. (Journal of Educational Technology & Society, 2017)
8. "The Impact of Online Discussion Forums on Student Learning in Higher Education: A Review of the Literature" by J. L. Song and J. Hill (Journal of Educational Computing Research, 2017)
9. "Online Discussion Forums and Student Learning: A Cross-Cultural Comparison" by J. K. Lee and K. Lim (Journal of Educational Technology & Society, 2019)



10. "Online Discussion Forums: Enhancing Student Learning Through Communities of Inquiry" by D. R. Garrison et al. (Journal of Distance Education, 2001)