IQAC EVENT MANAGEMENT SYSTEM-WEB APPLICATION

RAHUL PRANESH E, Dept of Computer Science and Engineering, Bannari Amman Institute of Technology, Tamilnadu**. HARISH A**, Dept of Computer Science and Engineering, Bannari Amman Institute of Technology, Tamilnadu.**MOHITH KUMAR N,** Dept of Computer Science and Engineering, Bannari Amman Institute of Technology, Tamilnadu.**KHANISHQUE S,** Dept of Computer Science and Engineering, Bannari Amman Institute of Technology, Tamilnadu.

---***---

Abstract - *For BIT's Internal Quality Assurance Cell (IQAC), the IQAC Events Management System is a web-based platform designed to streamline event request submission, tracking, approval, feedback collection, and reporting. The system automates the entire event management workflow, ensuring efficiency and transparency. It provides role-based access for administrators, event coordinators, and requesters, enabling seamless communication and tracking. The key functionalities include event request submissions with categorization, automated event tracking via unique ticket numbers, admin controls for approvals and modifications, status update notifications, and a feedback collection module. HTML, CSS, and JavaScript serve as the frontend, PHP serves as the backend, and MongoDB serves as the database for the system's responsive web interface. In order to facilitate deployment and scalability, the hosting is managed on Render. The system's design, development, and implementation are all discussed in this paper, with an emphasis on the advantages of automation in institutional event management.*

*Key Words***: :** IQAC, Event management , Web application ,PHP, MongoDB

1. INTRODUCTION

The IQAC Events Management System aims to automate the process of event handling within the institution. Paperwork must be completed by hand, which takes a long time and is inefficient. Utilizing web technologies, the proposed system ensures an organized and effective approach to event management.

1.1 SYSTEM FEATURES

- Secure login with user roles (Admin, Events Team, Requester)
- Event request submission with detailed categorization
- Automated event tracking with unique ticket numbers
- Admin control for approval, modification, or rejection
- Notifications for status updates and feedback collection

- Communication tab for faculty and admin interaction
- Analytics dashboard for reporting on event statistics and performance metrics
- Feedback collection system for continuous improvement

1.2 TECHNOLOGY STACK

- **Frontend:** HTML, CSS, JavaScript
- **Backend:** PHP
- **Database:** MongoDB

2. SYSTEM IMPLEMENTATION

The system's user-friendly design makes it easy to submit events and keep track of them. It ensures that all event requests are approved in accordance with a standard procedure, which reduces administrative costs and speeds up response times.

Table -1: Sample Table format

User Authentication	Secure Login and RoleBased Access
Event Submission	Users can submit detailed event requests
Event Tracking	Unique ticket numbers for tracking
Admin Control	Approve, Modify, or Reject events
Notifications	Automated status updates
Communication	Internal messaging for discussions
Analytics Dashboard	Reports on event statistics
Feedback Collection	Collect responses for improvement

[3] Online Event Management Systems, International Journal of Software Development, 2021.
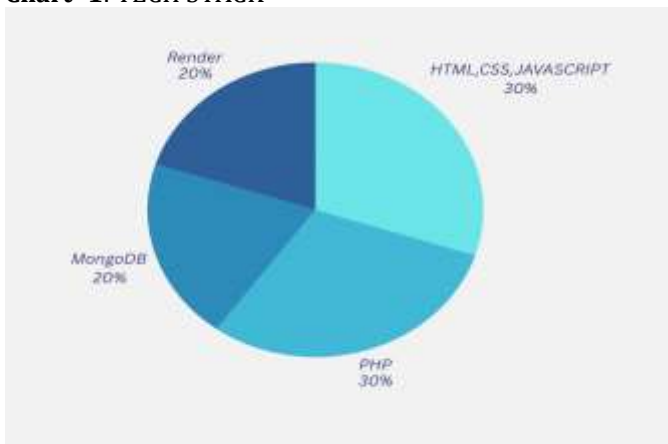
Chart -1: TECH STACK

Fig -1: Admin Dashboard

3. CONCLUSIONS

By automating the entire process, the IQAC Events Management System makes institutional event management more effective. It minimizes manual errors, speeds up approval processes, and improves communication between stakeholders.   Event management transparency and continuous improvement are guaranteed by the analytics

ACKNOWLEDGEMENT

REFERENCES

[1] Web Technologies for Event Management, IEEE Journal, 2023.
[2] PHP and MongoDB Integration, Research Journal of Computing, 2022.