

IQAC Portal

➤ Introduction

The IQAC Portal (Internal Quality Assurance Cell Portal) is developed to digitalize and simplify the process of maintaining, monitoring, and reporting faculty and academic quality-related data within the institution. The main purpose of this system is to create a centralized and efficient platform where faculty members can easily update their personal, professional, and academic information such as profile details, publications, and programs organized, while the admin or IQAC coordinator can view, verify, and export this information for reports and accreditation processes like NAAC. The portal helps in reducing manual work, eliminates paperwork, and ensures data accuracy and transparency within the IQAC framework.

➤ Technology

The project is developed using **HTML, CSS, JavaScript, PHP, and MySQL**. HTML and CSS are used for designing the structure and layout of the web pages, while JavaScript is used to make the pages interactive and dynamic. PHP acts as the backend language that handles the server-side logic such as form submissions, data processing, and database connectivity. MySQL is used as the database for storing all user information, faculty data, publications, and program details. The system is currently deployed and tested locally using XAMPP as a server environment.

In the next phase, as per guidance, we are upgrading the project using **ReactJS** to make it more interactive, modular, and scalable. The ReactJS version is under development, and we plan to demonstrate it once completed.

➤ Progress

The portal consists of two main modules: Faculty Module and Admin Module. The Faculty Module allows individual faculty members to log in using their credentials and manage their information. After successful login, the faculty is directed to a personal dashboard where they can view and update their profile. In the profile section, faculty members can add or modify their basic details such as name, department, designation, qualification, contact information, experience, and specialization. The system stores all these details securely in the MySQL database. Apart from the profile, the faculty can also add records of their research publications, including details such as publication title, journal name, year of publication, ISSN/ISBN number, and DOI or URL link. Each publication

added by a faculty member is stored in a separate table linked to their faculty ID. In addition, the faculty can record details of various programs or events organized, such as seminars, workshops, conferences, or faculty development programs. These entries include the program title, type of event, date, level (National/International/Institutional), and the role played by the faculty (Organizer or Participant). All this data is accessible only to the concerned faculty and the admin.

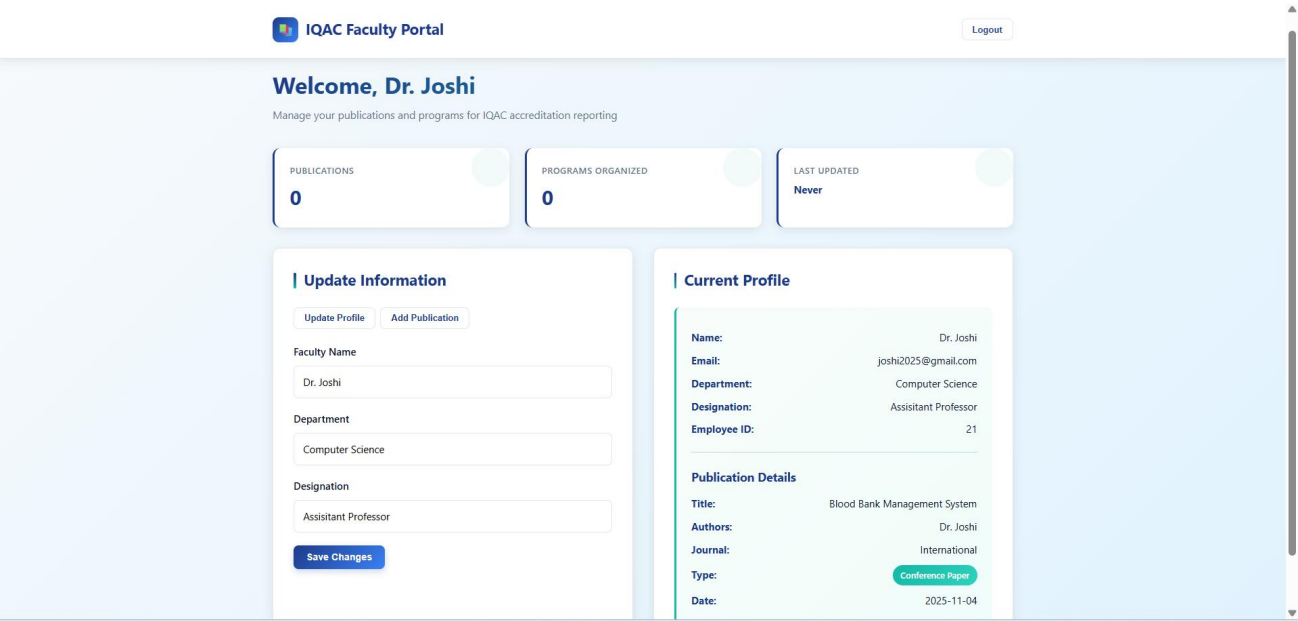


Fig. Faculty Portal

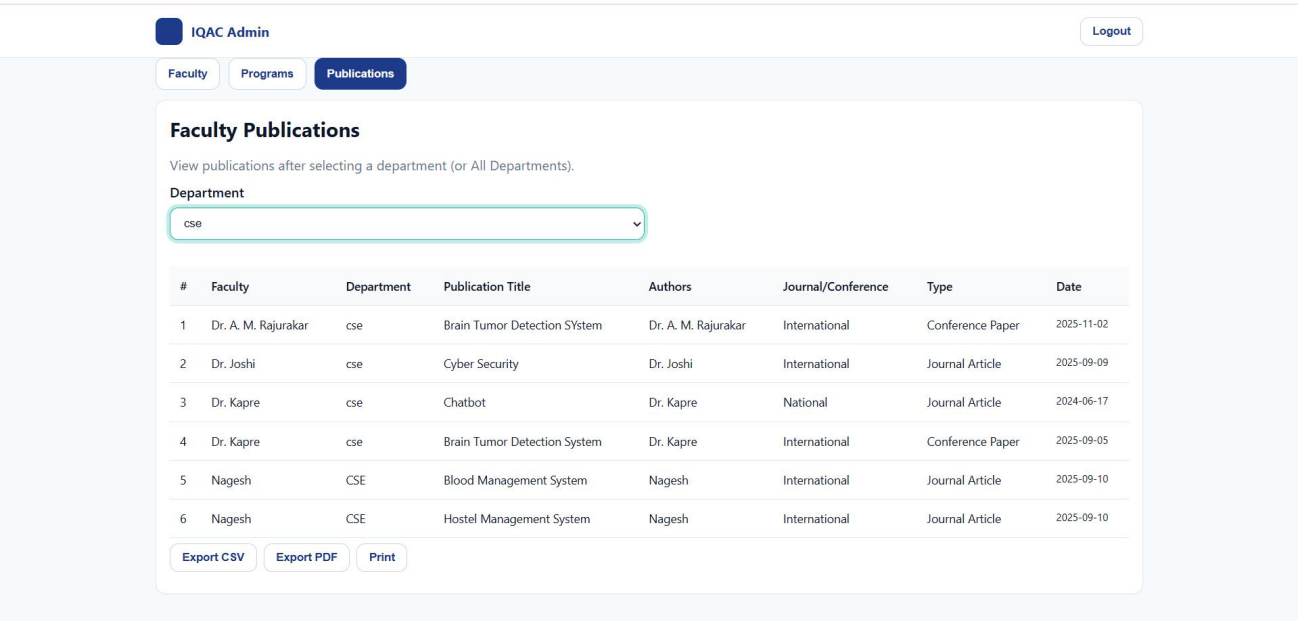


Fig. Admin Publications Portal

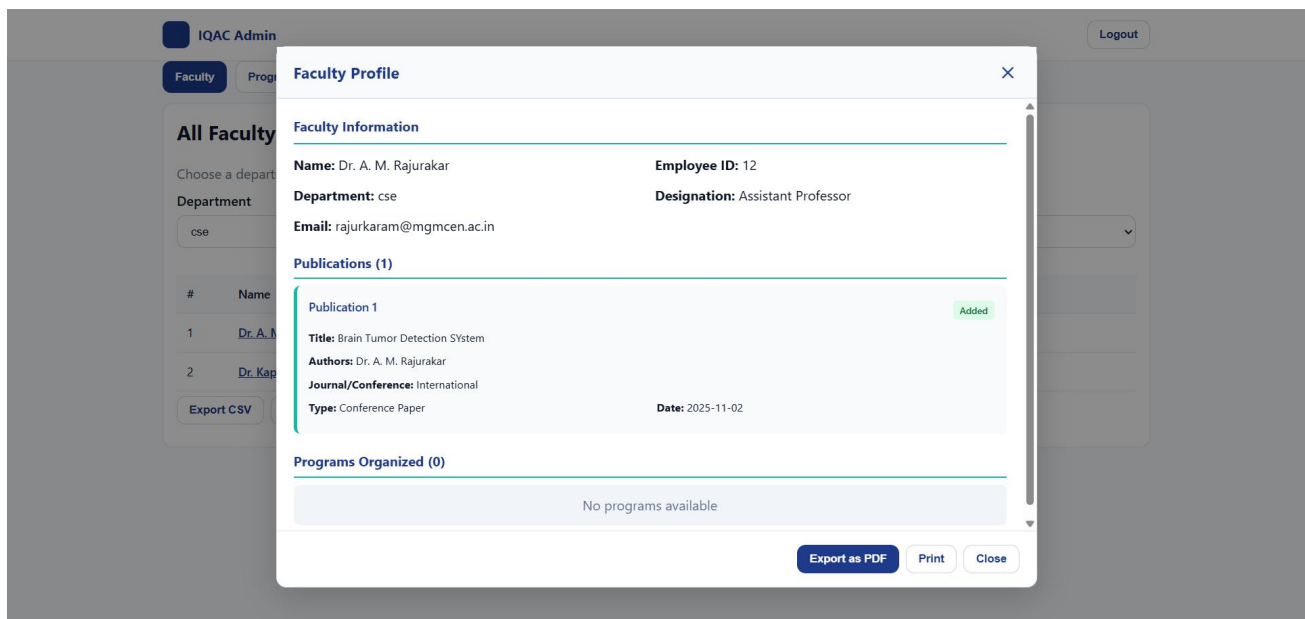


Fig. Faculty Profile

The Admin Module is designed for the IQAC administrator or coordinator who manages the overall data. The admin logs in using a secure admin account and is directed to an interactive dashboard. From the dashboard, the admin can view a summary of all faculty activities, including the total number of faculty members, total publications added, and programs organized. The admin has the authority to view the list of all faculty members along with their department and activity count. By clicking on a faculty name, the admin can view detailed information such as the faculty's complete profile, their publication records, and programs organized. This feature helps the admin monitor which faculty members have updated their data and which have not. Additionally, the admin can export the data in both PDF and CSV formats using integrated tools like jsPDF for PDF generation and PHP-based export for CSV files. These reports are extremely useful during institutional audits and accreditation submissions.