

The

CASE STUDY

ICAI

Duration - 10 Months

Team Size - 09

Company Overview

The Institute of Chartered Accountants of India (ICAI) is the second largest professional accounting & finance body in the world. ICAI is the only licensing-cum-regulating body of the financial audit and accountancy profession in India. It recommends the accounting standards to be followed by companies in India to the National Financial Reporting Authority and sets the accounting standards to be followed by other types of organizations. Students registered on ICAI are required to successfully complete Integrated Course on Information Technology and Soft Skills (ICITSS) before commencing their practical training.

Project Overview

Business Challenges

Initially, courses like ITT, OP and GMCS were managed offline by the respective branches. Tasks like registration of courses, selection of batches or locations, batch transfers, faculty allocation and scheduling, payments and fund transfers, and printing and distribution of certificates were performed manually. This manual processing of operations led to the following problems:

- Lack of control on faculty quality.
- Faculty allocation and utilization was not optimized.
- Student registration and attendance wasn't synchronized with the Head Office.
- Feedback of students and faculty went unaccounted.
- Inefficient certificate printing and distribution practices led to loss of stationery.
- Lack of timely funds allocation and distribution between the branches and the Head Office.

Implementation of Key Fixes

Looking to digitize their setup, the Board of Studies of ICAI contracted with SupraES to develop a Unified Online Registration Portal for the ICITSS (IT/OC) and AICITSS (AIT/MCS) courses for registration and allocation of batches. This helped students to register themselves in a desired course from anywhere through any training center of ICAI across India.

Our online portal provides a round-the-clock system of online registration, selection of batches, choosing study location, batch transfer, faculty allocation and scheduling by respective POUs, online feedback systems, online certificate generation and many more custom features.

Our Multi-dimensional Approach to Business Requirements

Student

- Develop a portal to register online from anywhere in any open batch.
- Enable registering in waiting lists with preferred location.
- Develop online and offline payment platforms.
- Provide a single sign-on for all the courses.
- Easier online methods of batch transfer.
- Enable online feedback submission.
- Limit stationery loss by printing course completion certificates online.
- Setup a secure system of biometric attendance.
- Monitor student's registration course-wise and POU-wise.

Faculty

- Single sign-on facility.
- Develop an online registration platform for all the courses at respective POUs.
- Provide a hassle-free online portal to edit/modify course registration.
- Enable viewing approval/disapproval status.
- Monitor faculty registration course wise and POU wise.

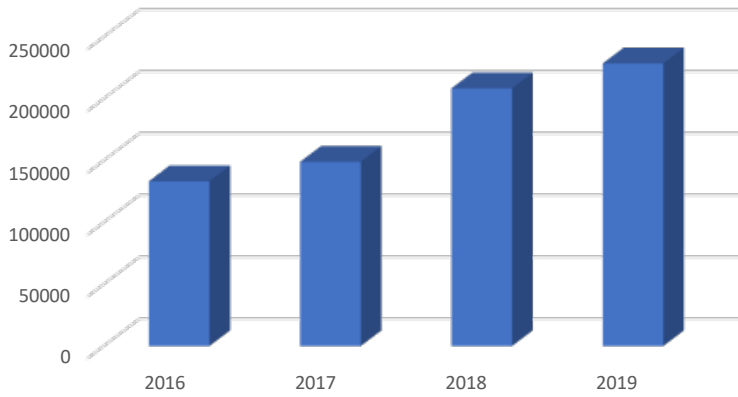
POU (Program Organizing Unit)

- Develop an online portal that allows:
- Creating and launching batches across all the courses.
- Viewing the status of each batch registration.
- To view and confirm/unconfirm the list of registered students for each batch.
- To maintain student/faculty attendance sheet.
- Approve/disapprove the faculty after particular registration.
- Generation and printing of online certificate.
- Seamless communication with the Head Office.
- Laying the groundwork to create a new POU.
- Receive and transfer online payments.
- Automated transfer of funds to POU's as per the terms and conditions without manual intervention.
- Biometric attendance for faculties and students.
- Report Generation: Batch-wise student and faculty reports, POU-wise student's details report, course wise student's details report, etc.

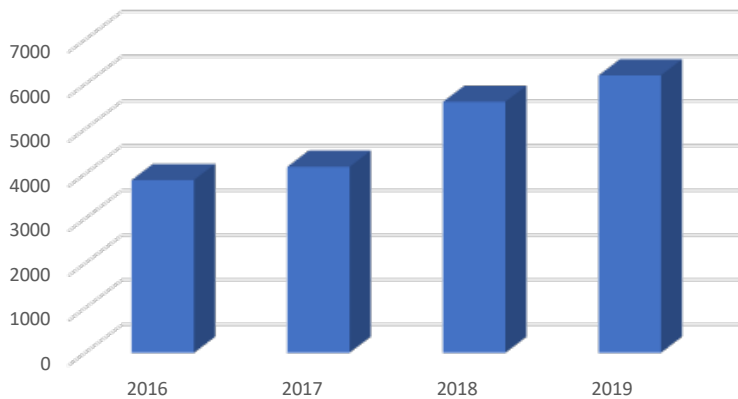
Our Solution

- Our first step towards an intelligent digitization is a functional, technical and infrastructural assessment of the business.
- Keeping in mind legacy compatibility, we maintained flat file imports of student and course information from common data manipulation applications such as Excel.
- Developed task specific modules:
 - **For Faculty:** Task specific modules provide an integrated suit for faculty registration, scheduling and allocation to batches and courses.
 - **For Students:** Task specific modules provide an integrated suite of tracking and reporting tools, helping to manage every aspect of online student progress.
- Automated solutions incorporated to receive payments online at the center and allocate funds to the POU's as per the terms and conditions, thus avoiding manual errors.
- Development of a secure password management system to ensure smooth handling of operations.
- Developed as a cloud-based solution, access to the application requires only a PC and an internet connection.
- Third-party integration allows for building in customizable features according to user requirements.
- Core User Testing and User Acceptance Tests built in for greater functionality and bug-free running.

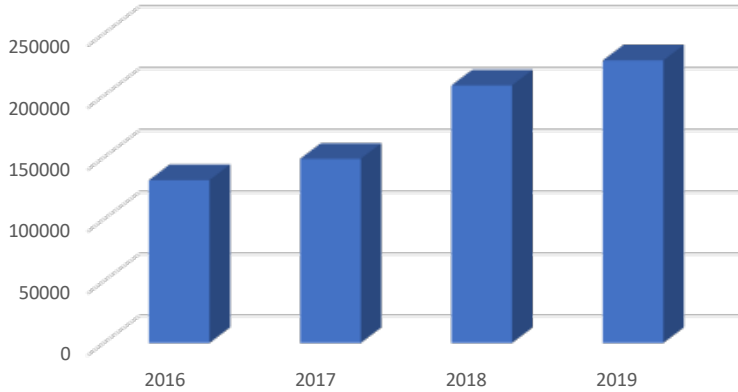
Students Growth



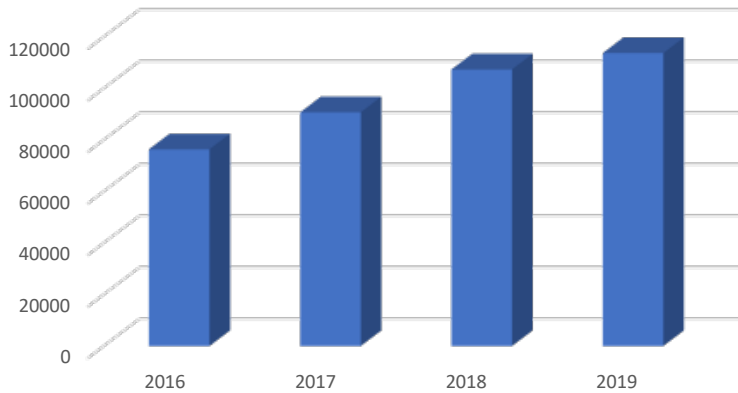
Batches Growth



Digital Certificate



Faculty Sessions



Factoring in the SupraES Value Addition

- **Optimization at All Levels:** What was originally a complicated and labor-intensive process has been organized and streamlined across all levels of organization, from the students to the Head Office.
- **Greater Control:** Head office and POUs now have greater control over the student registration, timely conduction of batches, course registration, and faculty qualification.
- **Standardization:** Interconnecting the Head Office, POUs and the students, our online portal has allowed the ICAI to exercise greater control over quality consistency at each level.
- **Flexibility:** Students have the flexibility to enroll/waitlist for a batch from anywhere, apply for batch transfer, online and offline payment and feedbacks.
- **Accountability:** With our comprehensive reporting solutions, there is a greater transparency between the funds transfer and payment receipt.
- **Digitization:** Online fund transfer to all branches and reconcile the payment information with Comprehensive reporting.
- **Reduction in Stationery Cost:** Our implementation of intelligent digitization has vastly reduced printing, stationery, and distribution costs of certificates.
- **Biometric attendance:** This helps eliminate buddy punching, proxy attendance issues while accurately identifying present employees and students yielding higher productivity levels.