

Pondering over the inefficiency of the attendance system and the gap in tracking how the students are progressing in the curriculum, Sree Balaji Medical Colleges and Hospital opened their doors for DigiClass solutions. This application was a pit stop for them to enhance the courses seamlessly.



## BACKGROUND

Established in 2003-04 under the Sri Lakshmi Ammal Educational Trust, Sree Balaji Medical College & Hospital has been dedicated to providing exceptional medical education. In 2004, it became a part of the esteemed BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH.

The institution is accredited by the National Accreditation Board for testing and Calibration Laboratories and is an ISO-certified standard. The programs are pre-accredited in patient safety and quality of care with NABH.

The core mission of the institution is to nurture and graduate highly educated, well-rounded, and socially responsible doctors who are fully equipped to serve the community.

## PROBLEMS OR CHALLENGES FACED

Sree Balaji Medical College & Hospital envisioned creating an engaging and collaborative space for students and teachers where the learning process evolves to the best heights. The institution has been grappling with various student and staff accountability issues which led to immense manual work for the administration.

Dr. Johnson, The Dean of the institution indulged in finding a long-term and reliable solution to bring better workflow in the course conduction.

**Let us look at the major concerns raised by the institution:**

Student achievement is the central aspect concentrated on by the institution which they tried to accomplish through engaging, elevated and immersive learning experiences. The foremost hurdle towards this is the issue of **proxy attendance**. Students were using proxies for sessions and the faculty could not track the student record.

The second and major struggle was to keep track of and monitor the curricular activities, deliverables, and progress of the students. The administration was lagging in checking the curricular performances like:

- Whether students achieve the outcomes
- The outcome gaps within the course modules
- Session deliverables and their efficiencies

Faculty workload tracking and session flowThe above-discussed points led them to make the shift toward the complete digitization of the curriculum. The automated reliability would increase the chances of finding errors or malpractices from the student or faculty side.



## SOLUTION

The transition to DigiClass was a major step taken by Sree Balaji Medical College and Hospitals in integrating a reliable and secure solution to faculty to student disengagement problems. At this point, Sree Balaji Medical College widened its possibilities of a secure digital implementation and monitoring support for its students and faculty.

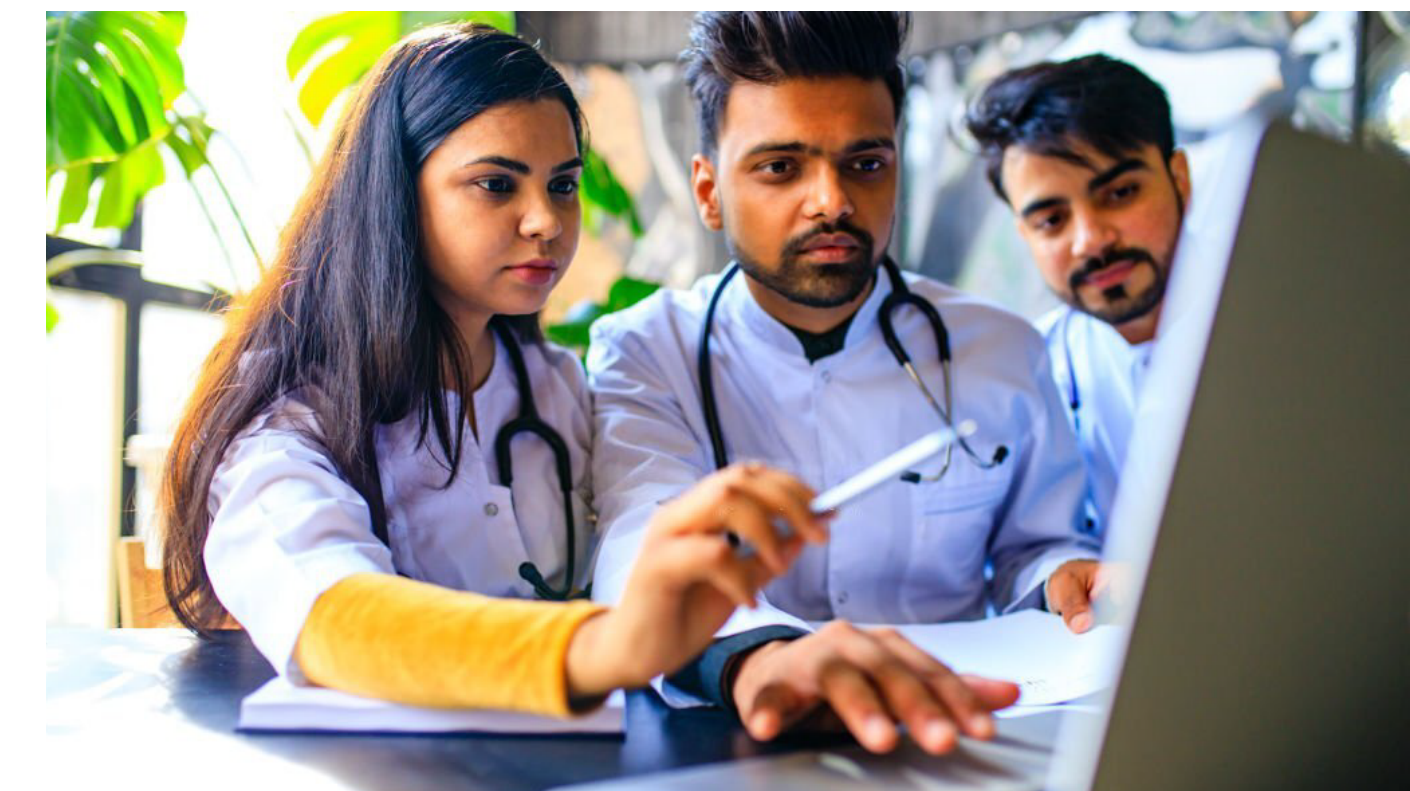
**The key solutions include:**

### Attendance management

- 1.Student and faculty attendance was to be addressed at the earliest to ensure the sessions were keeping up a good flow. DigiClass attendance features live face authentication to enable student entrance. Our attendance support doesn't end there. If the student is late for the session, the faculty can retake the attendance for the absentees or for the whole class to double-check the student's presence.
- 2.Face authentication reduces the malpractices of entering using a proxy or non-attendance during the sessions.
- 3.Attendance can also be used to check whether the students are active in the session. The buzzer feature can be used to alert the students in the middle of the class when they are expected to click on the buzzer to mark their presence. So no more deviations during long sessions.
- 4.Furthermore, student engagement can be confirmed with our engager option. Faculty can send impromptu pop-up quizzes or questions anytime during the sessions. The students who attempt the question are qualified for attendance during that session.

### Real-time curriculum monitoring

- 1.Digitization of the curriculum forfeits the chances of any errors in course planning, implementation, and tracking. DigiClass allots the student and staff data for each course for planning the programs. But how can you ensure that the credit and contact hours are met?
- 2.The **real-time and dynamic dashboard** allows the administrators and staff to view the course allocations and session progress on a single screen.
- 3.The **curricular activities dashboard** also gives a holistic view of the faculty workflow, session allocations, and status.
4. The smart charts give a quick glimpse of the session completion status.



## CONCLUSION

The implementation of DigiClass assistance to the system of learning and teaching at Sree Balaji Medical Colleges and Hospital has made an innovative shift with automated and reliable reports and tracking.

The students are now well-versed with our application and use it for easy access to course progress and upcoming activities. Faculty and students are happy with the quick attendance marking through face authentication.

We successfully solved the attendance proxy concerns with our live face authentication feature. The automated attendance helped the institution save a lot of time and resources. With DigiClass, institutions can sit back and indulge in the technology-driven and secure automation in learning and teaching.

**“We are happy to partner with DigiVal. The experience so far is so good. The attendance recording is effortless and we are able to check the biometric attendance in the mobile app. I recommend this for Medical colleges”.**



Dr.Johnson,  
Dean, Sree Balaji Medical  
College and Hospital.