



ST. FRANCIS COLLEGE

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Affiliated to Bengaluru City University: Recognized by Govt. of Karnataka & Approved by AICTE


COLLEGE CODE : 1214

7.3.1: Institutional Distinctiveness

In an effort to modernise the traditional Student Council election process, our institution recently adopted a digital voting application developed by one of our talented students. This new system has brought significant improvements to the efficiency, accuracy, and overall experience of the voting process, marking a positive shift from the previous paper ballot method.

Mr. Yashwanth B, B.Com (Regular) V Semester student from the 2021-2024 batch, took the initiative to develop an in-house voting application designed to streamline the student council election process. This user-friendly app not only simplifies the voting procedure but also supports our sustainability goals by reducing the need for paper ballots and other resources. His contribution is a shining example of how technology can enhance efficiency and environmental responsibility within our institution.

The aim was to create a secure, efficient, and user-friendly platform that could handle the complexities of an election process while ensuring transparency and accuracy. The application was intuitive, secure, and easy to use, making it an ideal solution for conducting the Student Council elections.


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Director Bro. Peter, Deputy Director Bro. Titus and Principal R.N. Subba Rao honouring Mr. Yashwanth B, B.Com (Regular) V Semester student for developing an in-house voting application

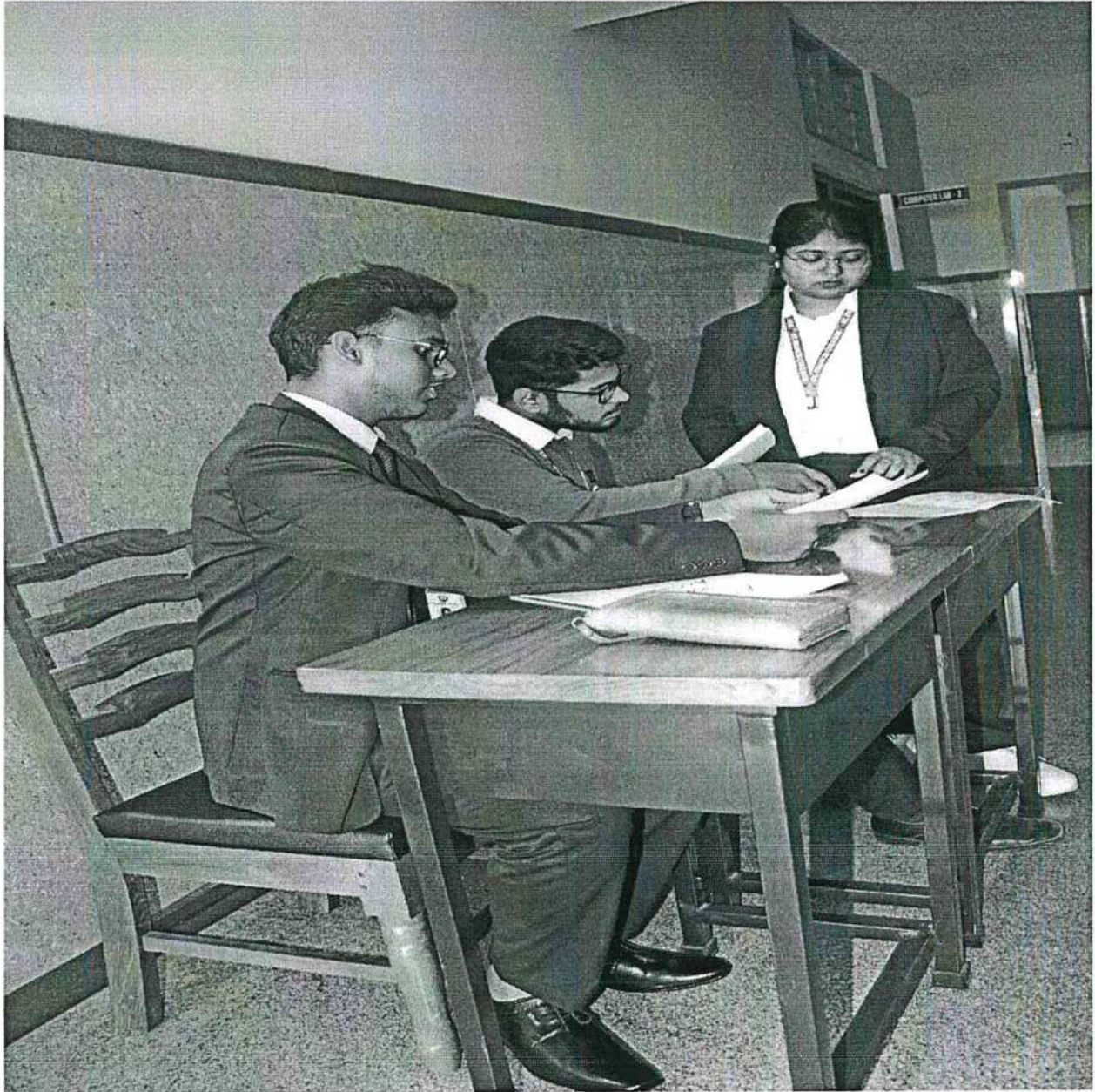
Election Process

Students were required to register on the application using their UUCMS ID prior to the election. On the designated Election Day, the voting process was opened on the application in the 1st and 6th floor computer lab. Students were sent to the lab, where the students had to flash the ID card and sign the attendance sheet. Students logged in to the platform using their credentials, viewed the list of the candidates and cast their vote with just a few clicks. Each voter was only allowed to cast their vote once, and the system automatically logged them out after voting to prevent any form of ballot stuffing or repeat voting. As votes were cast, they were encrypted and stored in a secure database. Once voting was closed, the results were instantly available to the election committee



Students logged in to the platform using their credentials at computer lab, viewed the list of the candidates and cast their vote

To ensure the integrity of the election, the application incorporated end-to-end encryption for all data transmitted between the users and the server. Additionally, the system was designed with robust security protocols to prevent hacking or tampering with the votes.

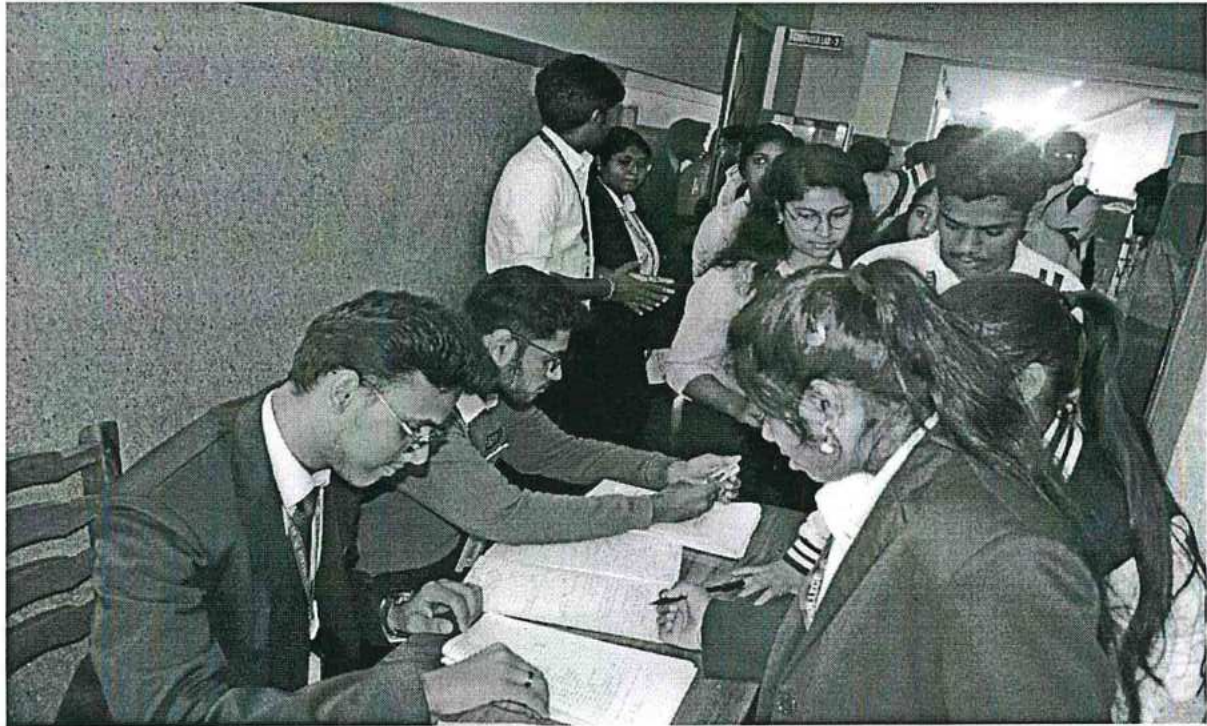


Arranging Registration desk and keeping the list ready for access

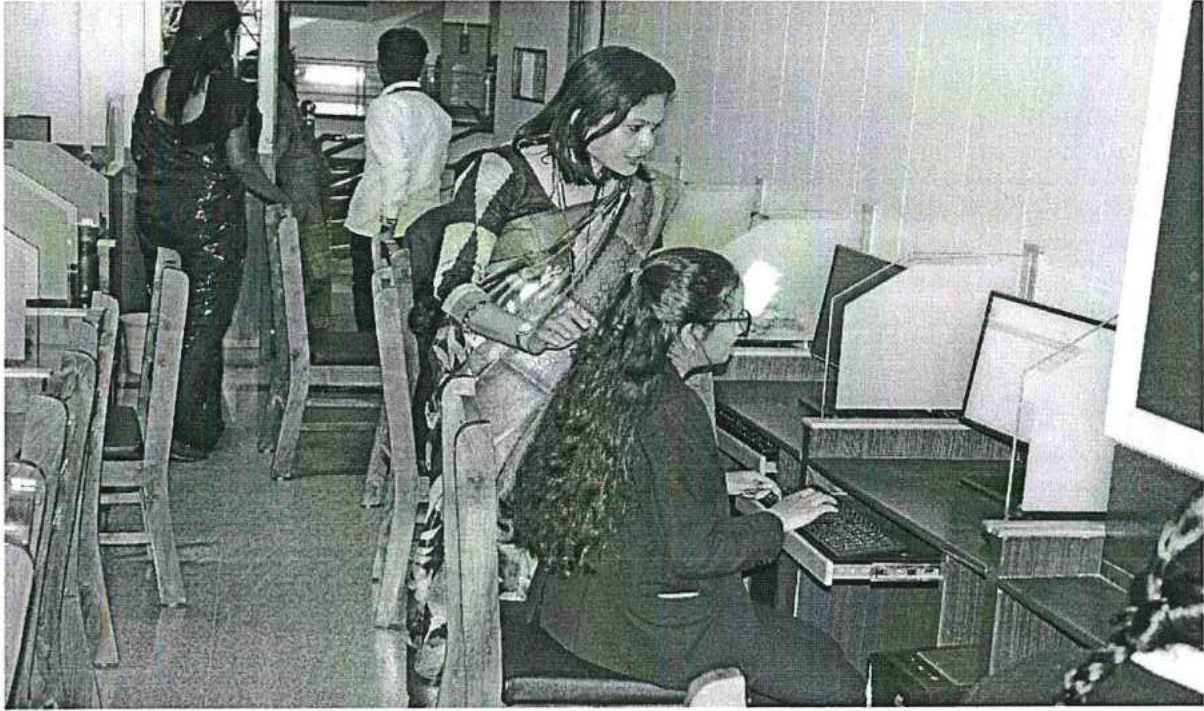
Transparency and Accountability

The application maintained a comprehensive audit trail that recorded every action taken on the platform, from voter registration to the final tallying of votes. This ensured that any discrepancies could be easily traced and rectified. The election committee had access to a dashboard that allowed them to monitor the election process in real-time, number of votes being cast ensuring transparency at every stage


The application generated detailed analytics, including voter turnout by department, time of day, and other demographic factors. These insights were valuable for future elections, helping to improve the process and increase voter engagement.



Student registering at register desk to get their credentials and searching their name in the list



Guiding the students how to login using credentials before casting vote


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